

Geodetic Control Network

Surveyed in April and May, 2000

Prepared by:



#### G.P.S. SURVEY REPORT GEODETIC CONTROL POINTS 1 to 23 ESTABLISHED BY TEAGUE NALL AND PERKINS FOR THE CITY OF DESOTO, TX. IN MARCH AND APRIL OF 2000

Geodetic Control Points 1 to 23 were either checked and or re-established by the Teague Nall and Perkins Survey Department in the months of March and April of 2000. The purpose of this project was to maintain the integrity of the citywide control network.

The project was performed using Trimble 4000SSI receivers. The receivers were logging both L1 and L2 frequencies. GPSurvey version 2.35a was used to process the baselines. All baselines used were either L1 fixed or Iono Free fixed. The adjustment was performed using the least squares adjustment in Trimnet Plus.

The City of Desoto Control Network is based on the N.G.S. B Order Station "NEWTON". The Datum used is NAD 83. The State Plane Coordinates published herein are Texas North Central Zone.

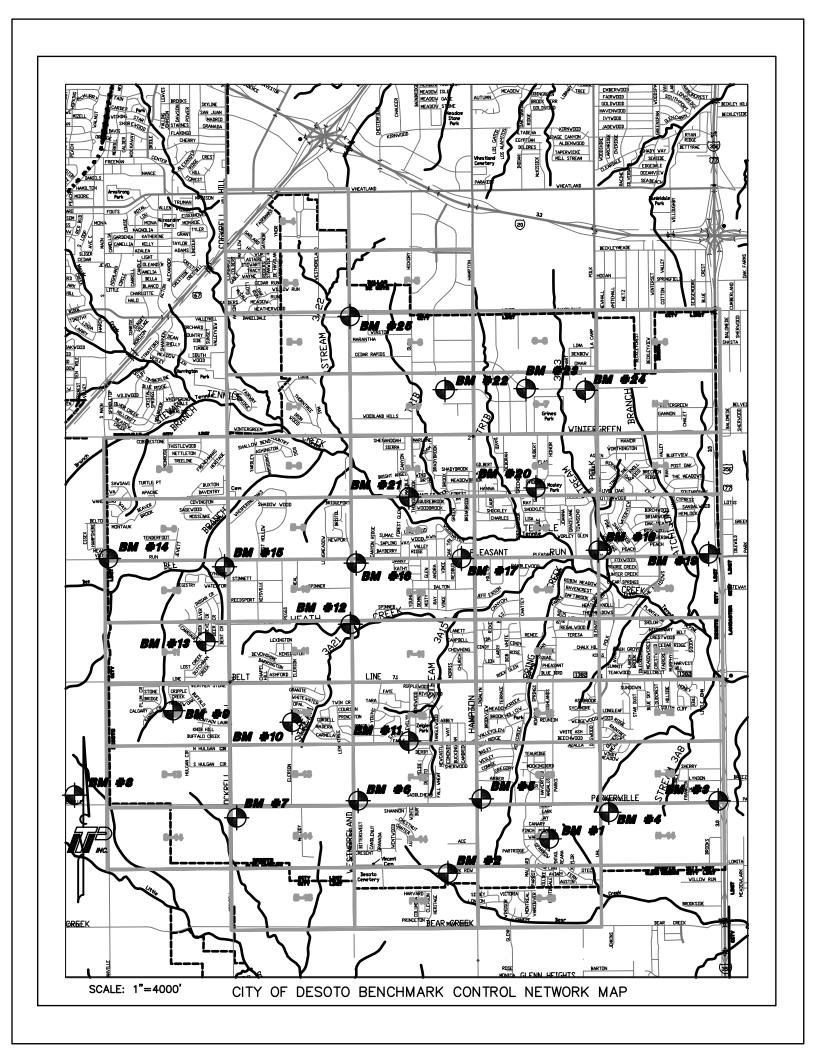
The Vertical Datum published herein is based on the **NAVD 88**. The data published herein meets and /or exceeds Third Order Accuracy.

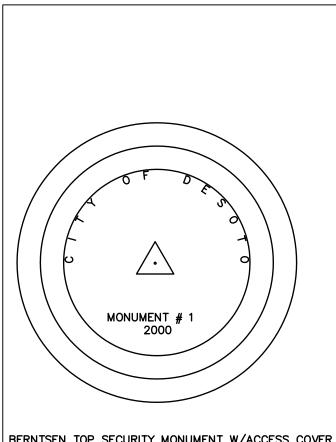
#### **BASIS FOR HORIZONTAL POSITION**

The horizontal positions for the Geodetic Control Network for the City of Desoto was established using the N.G.S. B Order Station "Newton", and the N.G.S. First Order Station "Patton". These points were held fixed for Horizontal Positioning on the City of Desoto's monuments 1 to 23. Horizontal positions for monuments 1 to 23 meet and/or exceed Second Order Specifications for Accuracy.

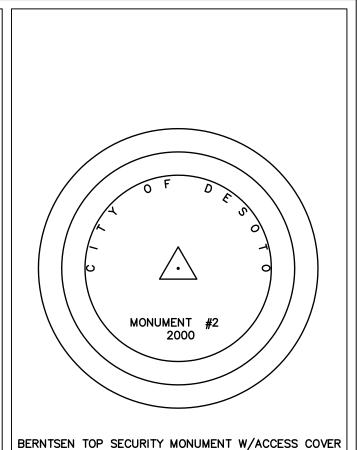
#### BASIS FOR VERTICAL DATUM

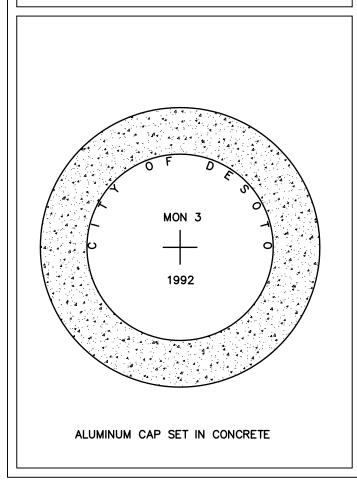
The vertical datum for the Geodetic Control Network for the City of Desoto was established using the N.G.S. Second Order Class 0 Station "Q 265", and the N.G.S. Second Order Class 0 Station "P 265". These points were held using Trigonometric leveling techniques. The vertical datum for the City of Desoto's Geodetic Control Network points 1 to 23 meets and/or exceeds Third Order Accuracy.

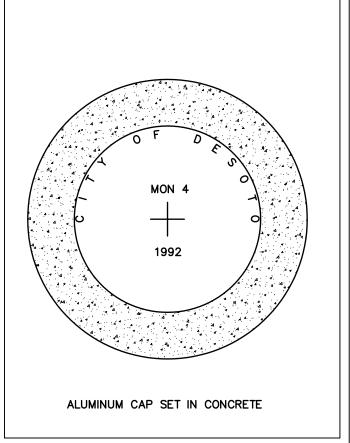


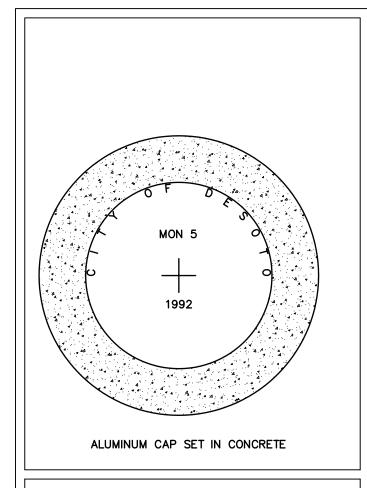


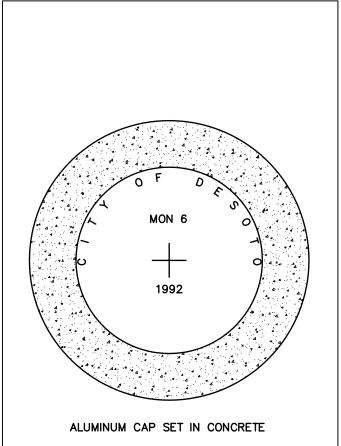


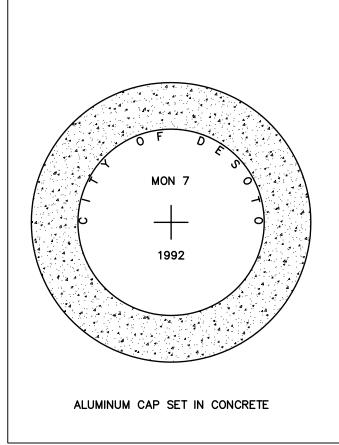


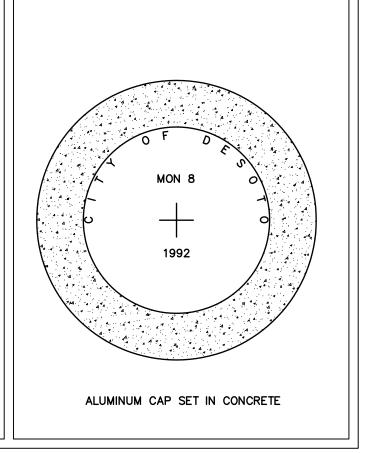


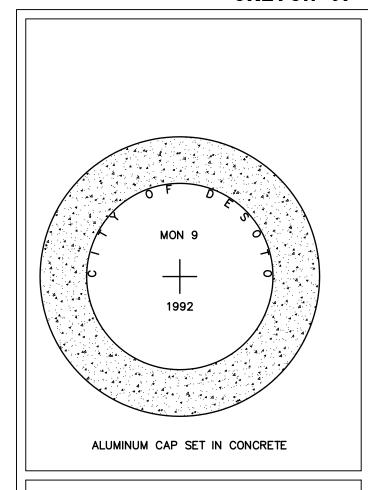


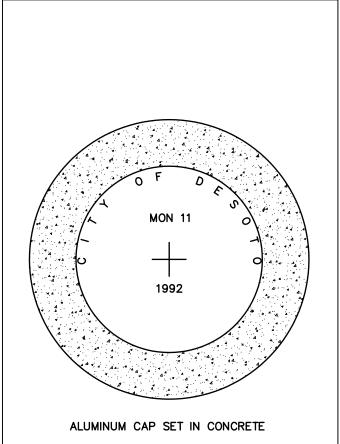


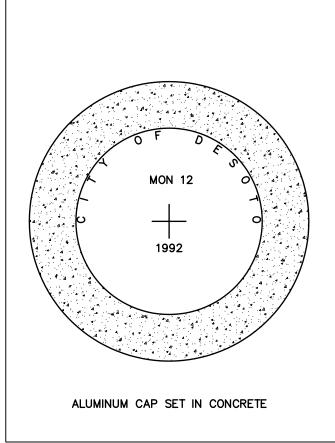


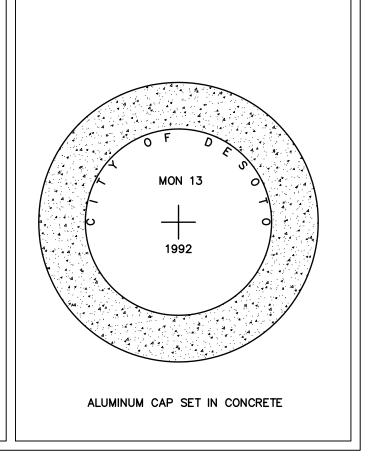


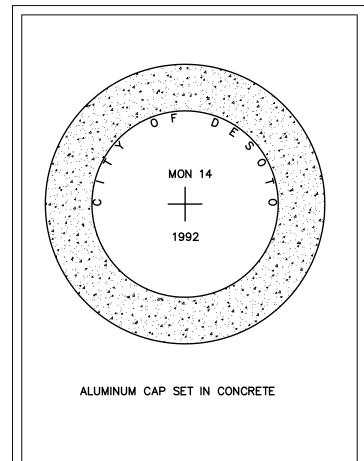


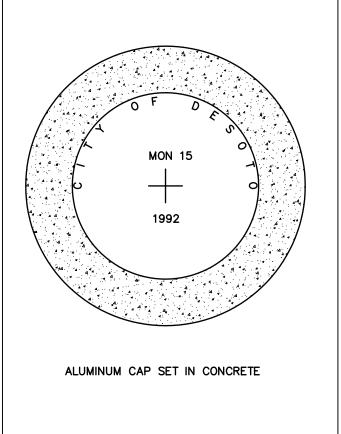


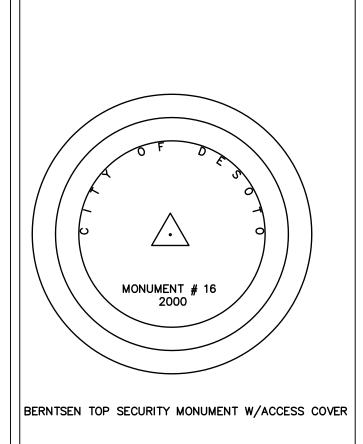


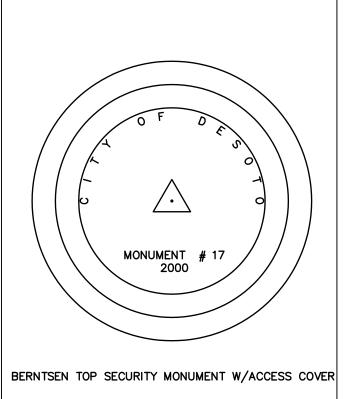


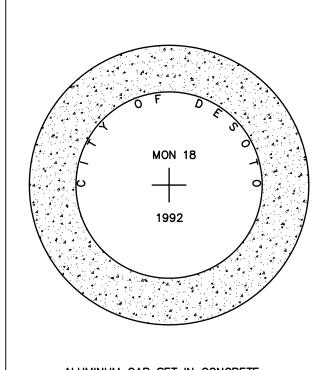


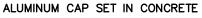


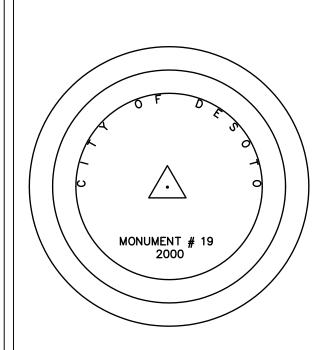




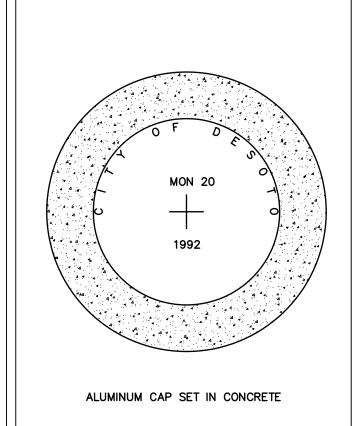


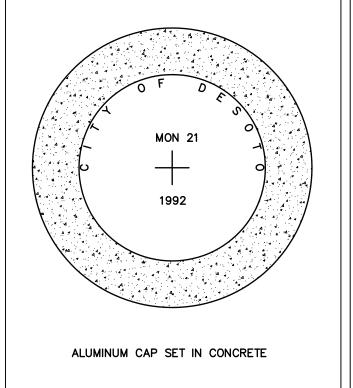


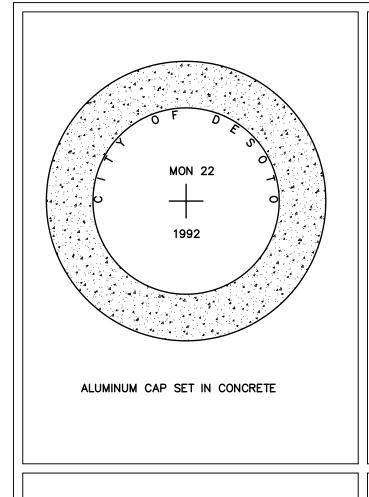


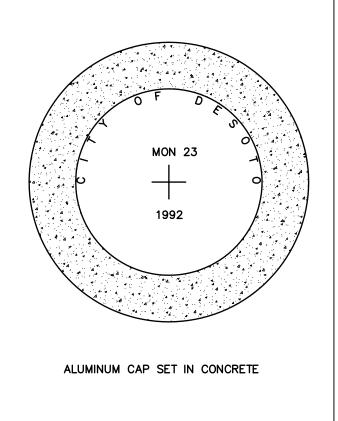


BERNTSEN TOP SECURITY MONUMENT W/ACCESS COVER











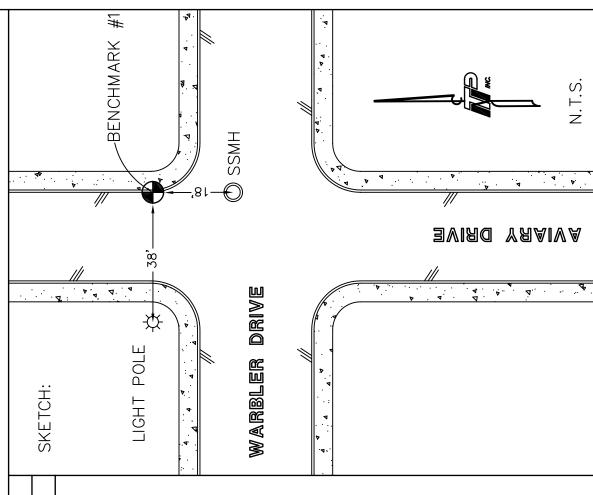
#### BENCHMARK

BENCHMARK NO. 1

DESCRIPTION: BOX CUT ON TOP OF CURB
AT PT OF RETURN ON N/W
CORNER OF AVERY DRIVE
AND WARBLER DRIVE AND
18' NORTH OF SSMH AND 38'
EAST OF LIGHT POLE.

ELEV.= 681.72'

84 N



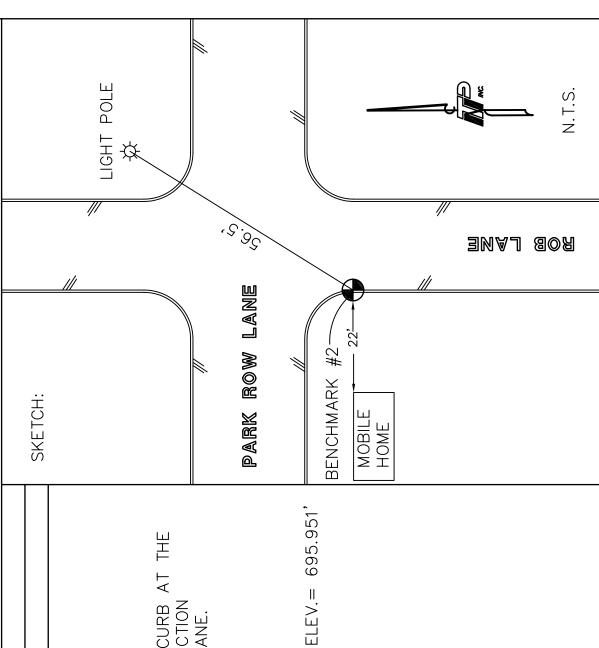


### BENCHMARK

 $\sim$ BENCHMARK NO.

DESCRIPTION:

SQUARE CUT IN THE TOP OF CURB AT THE PC OF CURB AT S/W INTERSECTION OF ROB LANE & PARK ROW LANE.

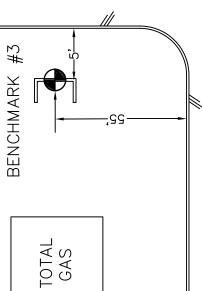


83 <



### BENCHMARK

3 BENCHMARK NO. DESCRIPTION: BOX CUT ON TOP OF 4" WIDE CONCRETE HEADWALL WEST OF EDGE OF WEST FRONTAGE RD. AND NORTH OF PARKERVILLE RD.

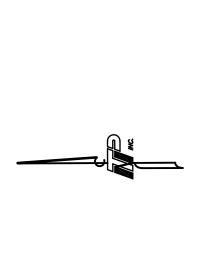


#### PARKERVILLE ROAD

ELEV.= 614.83'

QAOR

SKETCH:



**BDATNOR** 

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398-I

N.T.S.

 $\mathcal{L}$ 84 MAPSCO

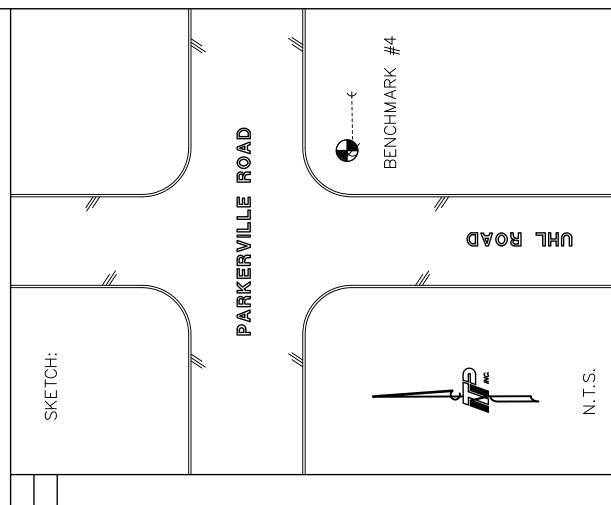


### BENCHMARK

BENCHMARK NO. 4

**DESCRIPTION:** 

RR SPIKE SET IN NORTH FACE OF POWER POLE AT S/E CORNER OF PARKERVILLE ROAD AND UHL ROAD. ELEV.= 650.26°



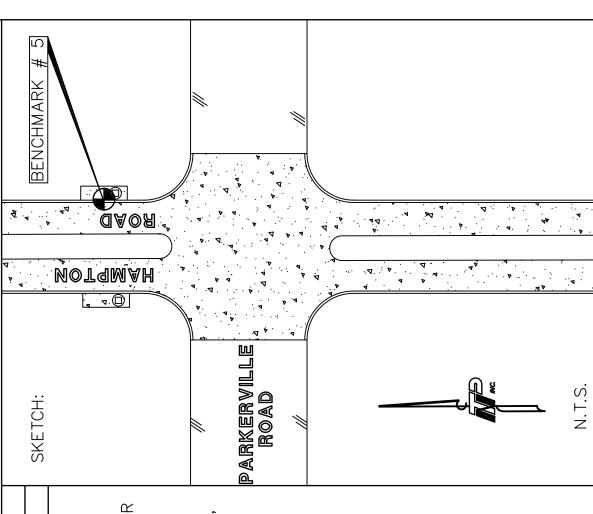
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## BENCHMARK

BENCHMARK NO. 5

DESCRIPTION: BOX CUT ON TOP OF CURB ON C/L 10' INLET AT N/E CORNER OF INTERSECTION OF HAMPTON ROAD AND PARKERVILLE ROAD. ELEV.= 684.38'



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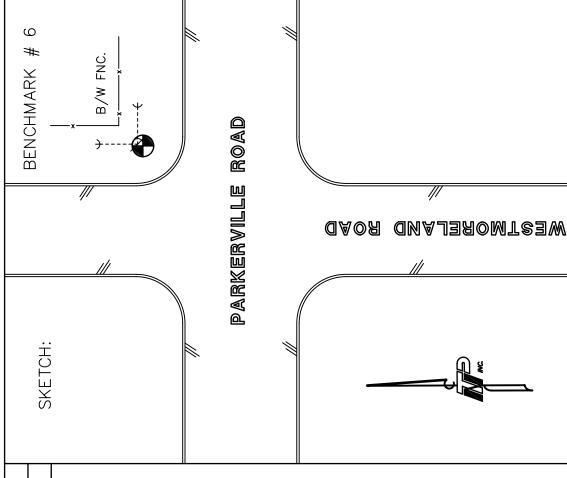


#### BENCHMARK

BENCHMARK NO. 6

DESCRIPTION: RR SPIKE SET IN SOUTH SIDE OF POWER POLE AT N/E COR. OF INTERSECTION OF PARKER-VILLE ROAD AND WESTMORELAND ROAD.

ELEV.= 743.808'



N.T.S.

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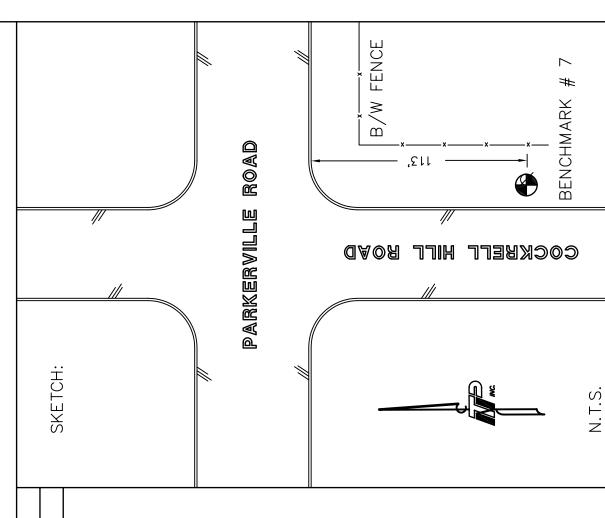


#### BENCHMARK

BENCHMARK NO. 7

DESCRIPTION: RR SPIKE SET IN WEST FACE
OF POWER POLE AT S/E COR.
OF INTERSECTION OF PARKER—
VILLE ROAD AND COCKRELL HILL
ROAD.

ELEV.= 716.53'



MAPSCO 82 R



#### **BENCHMARK**

 $\infty$ BENCHMARK NO.

SKETCH:

QAOA

**DESCRIPTION:** 

SQUARE CUT ON THE CENTERLINE OF THE CONCRETE HEADWALL ON THE NORTH SIDE OF PARKERVILLE ROAD, AND THE WEST SIDE OF DUNCANVILLE ROAD.

ELEV.= 732.86'

PARKERVILLE ROAD DONGANVILLE BENCHMARK #8

MAPSCO 82 K



### **BENCHMARK**

 $\circ$ BENCHMARK NO.

SKETCH:

**DESCRIPTION:** 

THE NORTHEAST CORNER OF THE INTERSECTION SQUARE CUT IN THE TOP OF CURB IN THE CENTERLINE OF A 10' INLET LOCATED AT OF LAUREL SPRINGS DRIVE AND MOUNTAIN LAUREL LANE.

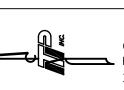
ELEV.= 726.43'



#### SPRINGS DRIVE JBRUAJ

LANE

MOUNTAIN LAUREL





#### **BENCHMARK**

BENCHMARK NO. 10

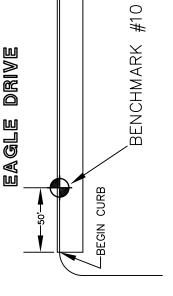
SKETCH:

**DESCRIPTION:** 

SQUARE CUT ON THE TOP OF THE SOUTH CURB OF EAGLE DRIVE, +/- 50' FEET EAST OF ELERSON ROAD.

ELEV.= 705.28'





N.⊤.S.

MAPSCO 83 E



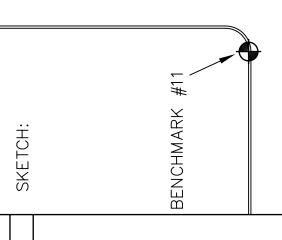
### **BENCHMARK**

BENCHMARK NO.

DESCRIPTION:

SQUARE CUT ON THE TOP OF CURB AT THE NORTHWEST CORNER OF EAGLE DRIVE AND EVELYN STREET.

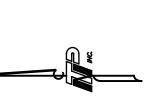
ELEV.= 676.64'



EAEFAN

STREET

#### EAGLE DRIVE





#### BENCHMARK

BENCHMARK NO. 12

DESCRIPTION:

ROAD

SPINNER

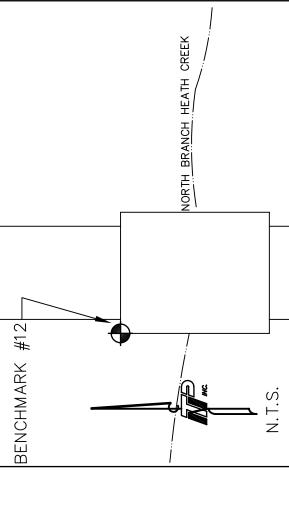
QAOA

SKETCH:

SQUARE CUT ON THE TOP OF A 3' WALL AT THE NORTHWEST CORNER OF THE WESTMORELAND ROAD BRIDGE OVER HEATH CREEK, AND +/- 250' SOUTH OF SPINNER ROAD.

WESTMORELAND

ELEV.= 633.80°



MAPSCO 83 B



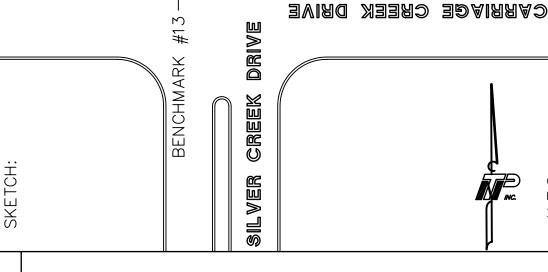
#### BENCHMARK

BENCHMARK NO. 13

**DESCRIPTION:** 

SQUARE CUT IN THE TOP OF CURB AT THE NOSE OF THE MEDIAN AT THE CENTERLINE OF SILVERCREEK DRIVE AND EAST OF CARRIAGE CREEK DRIVE.

ELEV.= 708.91'



MAPSCO 82 D

N.T.S.



#### BENCHMARK

BENCHMARK NO. 14

DESCRIPTION: SQUARE CUT ON TOP OF THE SE CORNER OF A HEADWALL AND IS LOCATED AT THE NW CORNER OF INTERSECTION @ DUNCANVILLE RD AND PLEASANT RUN ROAD.

ELEV.= 703.44

MAPSCO 72 Y

SKETCH:

BM #14

CONC HEADWALL

CONC HEADWALL

CONC HEADWALL

CONC HEADWALL



**BENCHMARK** 

#### COCKBETT HITT BOAD

#### BENCHMARK NO. 15

DESCRIPTION: SQUARE CUT ON T/C AT PI OF PARKING LOT OF THE DALLAS 1ST CHURCH OF THE NAZARENE LOCATED AT THE SW CORNER OF INTERSECTION OF PLEASENT RUN ROAD & COCKRELL HILL

PLEASANT RUN ROAD

SKETCH:

ELEV.= 685.88

CONC PARKING LOT
"DALLAS FIRST CHURCH"
OF THE NAZARENE

BM #15

MAPSCO 72 Z



#### **BENCHMARK**

BENCHMARK NO.

DESCRIPTION: SQUARE CUT ON TOP OF WEST END OF A RETAINING WALL AT SE CORNER OF INTERSECTION PLEASANT RUN ROAD AND WESTMORELAND ROAD.

SKETCH:

PLEASANT RUN ROAD

QAOA

CONC RETAINING WALL ~

ELEV.= 645.85

4' CONC WALK



BM #16



#### **BENCHMARK**

BENCHMARK NO.

DESCRIPTION: SQUARE CUT ON TOP OF CURB
IN CL OF A 20' INLET ON THE
SOUTH SIDE OF WEST MEDIAN
OF PLEASANT RUN ROAD AT
INTERSECTION WITH HAMPTON
ROAD.

20'STORM INLET ROAD Pleasant run SKETCH: BM #17

NOTGMAH



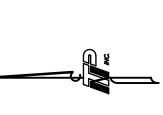
#### **BENCHMARK**

BENCHMARK NO.

DESCRIPTION: SQUARE CUT ON NE CORNER OF A 30' INLET AT BACK OF CURB AND IS LOCATED AT THE NW CORNER OF PLEASANT RUN ROAD & POLK STREET INTERSECTION.

30' STORM INLET SKETCH: BM #18

## PLEASANT RUN ROAD



TEET

**BO**CK



#### BENCHMARK

BENCHMARK NO. 19

DESCRIPTION: SQUARE CUT ON WEST END OF A HEADWALL AND IS LOCATED ON THE NORTH SIDE OF PLEASANT RUN ROAD, WEST OF 1-35E AND IS BETWEEN TACO BUENO & THE CROSSING SHOPPING CENTER.

ELEV.= 556.01

SKETCH:

TACO BUENO 1235 PLEASANT RUN

THE CROSSING SHOPPING CENTER

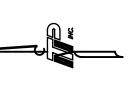
CONC HEADWALL

BM #19

PLEASANT RUN ROAD

TO 1-35E

CONC HEADWALL



Z.T.S.



#### BENCHMARK

BENCHMARK NO. 19

DESCRIPTION: SQUARE CUT ON WEST END OF A HEADWALL AND IS LOCATED ON THE NORTH SIDE OF PLEASANT RUN ROAD, WEST OF 1-35E AND IS BETWEEN TACO BUENO & THE CROSSING SHOPPING CENTER.

ELEV.= 556.01

SKETCH:

TACO BUENO 1235 PLEASANT RUN

THE CROSSING SHOPPING CENTER

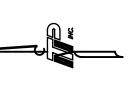
CONC HEADWALL

BM #19

PLEASANT RUN ROAD

TO 1-35E

CONC HEADWALL



Z.T.S.



#### **BENCHMARK**

BENCHMARK NO.

SKETCH:

#### **DESCRIPTION:**

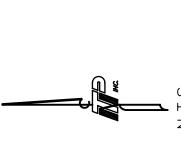
SQUARE CUT IN THE TOP OF CURB AT THE NORTH CURB RETURN AT THE NORTHWEST CORNER OF THE INTERSECTION OF HONOR DRIVE AND HANNA AVENUE.

BENCHMARK #20

ELEV.= 596.02'

#### DRIVE HONOR

HANNA AVENUE





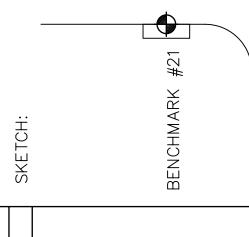
#### **BENCHMARK**

2 BENCHMARK NO.

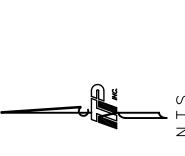
**DESCRIPTION:** 

SQUARE CUT IN THE TOP OF CURB IN THE CENTERLINE OF A 10' INLET AT THE NORTHEAST CORNER OF THE INTERSECTION OF MARBLE CANYON DRIVE AND MANTLEBROOK DRIVE. ELEV.= 578.31'

MANTLEBROOK DRIVE



#### DRIVE CANYON



3188AM



#### **BENCHMARK**

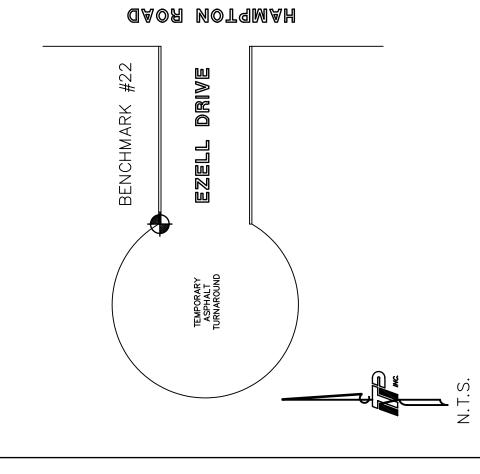
BENCHMARK NO. 22

SKETCH:

**DESCRIPTION:** 

SQUARE CUT ON THE END OF A CONCRETE CURB ON THE NORTH SIDE OF EZELL DRIVE WEST OF HAMPTON ROAD.

ELEV.= 646.98'



MAPSCO 73 R



#### **BENCHMARK**

BENCHMARK NO.

SKETCH:

**DESCRIPTION:** 

SQUARE CUT ON THE TOP OF CURB AT THE CENTERLINE OF A 10' INLET AT THE SOUTHWEST CORNER OF OSPREY DRIVE AND CENTRE PARK BLVD. ELEV.= 633.82'

## CENTRE PARK BLVD.



OSPREY

DRIVE



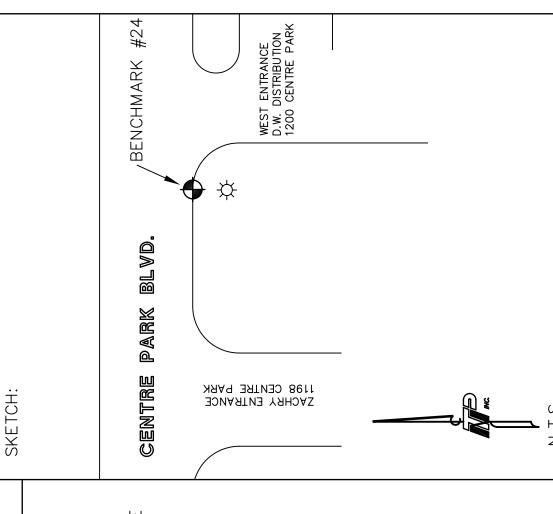
#### BENCHMARK

BENCHMARK NO. 24

DESCRIPTION:

SQUARE CUT ON THE TOP OF CURB, ON THE SOUTH CURBLINE OF CENTRE PARK BLVD. BETWEEN THE DRIVEWAYS AT 1198 & 1200 CENTRE PARK BLVD.

ELEV.= 666.25'



MAPSCO 74 P



### BENCHMARK

BENCHMARK NO. 2

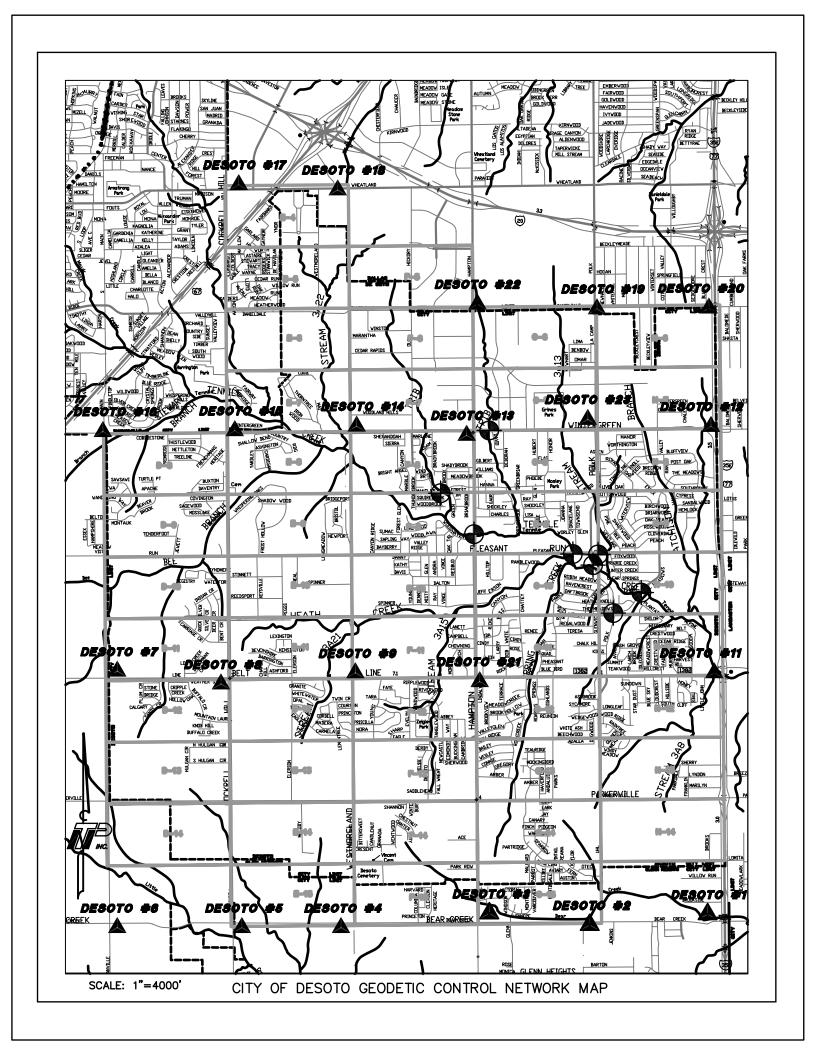
**DESCRIPTION:** 

R.R. SPIKE SET IN THE NORTH FACE OF A POWER POLE IN THE SOUTH R.O.W. OF DANIELDALE ROAD, +/- 200' FEET EAST OF WESTMORELAND ROAD.

ELEV.= 669.99'

MAPSCO 73 K

N.T.S.

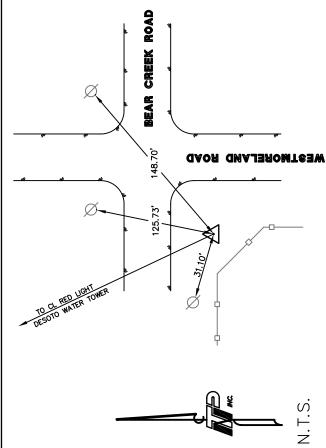


	CONTROL DATA	HOH	99879607	PLANE AZIMUTH ANGLE (CONVERGENCE)		0.22'09.20590"		PLANE AZIMUTH ANGLE	(CONVERGENCE)	0.54,52,08228"		3.2808333333	7   NAD 83   ELEV.(FEET) NORTH TRIG. LEVEL	WEST 615.44'				UFT STATON		QN 3:	3	RD. EAST SEL	198-	TEXACO GAS STATION		
DATA SHEET	ADJUSTED HORIZONTAL	ND SURVEY N	SCALE	COORDINATES (U.S. SURVEY FEET)	N 325966.871		E 2208572.947	COORDINATI	2	N 6891143.932	E 2485048.247	CONVERSION FACTOR:	POSITION NAD 27 LATITUDE 32'33'39.44768"	LONGITUDE 96'49'23.85038"	SKETCH:			N. S.	. /~ 8	23.7'	-	BEAR CREEK RI		9		
	dΑ	ORDER: 2	<b>4</b> 1	NAD 27 GRID DATA	1	ZONE: NC	CODE: 4202	NAD 83	GRID DATA	STATE: TX ZONF: NC	CODE: 4202	METRIC (	GEODETIC		FIELD SK			_			<b>—</b>	SW SW		_	N.T.S.	
DETIC CONTROL	DATE: MAR&APR 2000	COVER	STATE: TX	BY: T.W.S.		REFERENCE MARKS	POWER POLE	NORTH EDGE OF PVMT	POWER POLE	SWC LIFT STATION	DISTANCE			SS COVER STAMPED	T CORNER OF THE 35E SINTERSTATE 35E											
GEODE		TOP SECURITY W/ACCESS	COUNTY: DALLAS	AND PERKINS PREPARED B		શ્ર	NORTHWEST	SOUTH	SOUTHEAST	EAST	AZIMUTH			TY MONUMENT WITH ACCE	DESOTO #1, 2000, LOCATED AT THE NORTHWEST CORNER OF INTERSECTION OF BEAR CREEK ROAD EAST, AND INTERSTATE										MAPSCO 84 V	
	STATION NAME: DESOTO #1	MONUMENT TYPE: BERNTSEN T	CITY: DESOTO	R: TEAGUE NALL	PROJECT NAME: DES98312	DISTANCES & DIRECTIONS TO PROMINENT	24.0,	23.7'	30.8'	54.4'	AZIMUTH MARK		DESCRIPTION OF POINTS:	BERNTSEN TOP SECURIT	DESOTO #1, 2000, LOC, INTERSECTION OF BEAR	FRONTAGE ROAD.									MA	

GFODETIC CONTROL DATA SHFFT	DATE: MAR&APR 2000 ADJUSTE	TOP SECURITY W/ACCESS COVER ORDER: 2ND	NED SCALE FACTOR: 0.99987796	AND PERKINS   PREPARED BY: T.W.S.   CC   GRID DATA   (U.S.	& DIRECTIONS TO PROMINENT & REFERENCE MARKS  STATE: TX  STATE: TX  N 325822.355  Cone: NC  R DIRECTIONS TO PROMINENT & REFERENCE MARKS	MAILBOX CODE: 4202 E 2203420.980	AST BUS STOP	TX ( 6890950.395	ZONE: NC CODE: 4202 E 2479897.823 U 34 19.24.34.3	GEODETIC POSITION NAD 27 IN NAD 83 STELEV. (FEET)  LATITUDE 32:33'38.34212"  DATA LONGITIDE 96:50'24.06158"  WEST 650.58'	FIELD SKETCH:	WEST OF UHL ROAD, AND IS 14' FEET SOUTH OF A MAILBOX AT 735 BEAR CREEK ROAD, AND 43.2' FEET SOUTHWEST OF THE DART BUS STOP #206.	MAPSCO 84 T
	STATION NAME: DESOTO #2	E: BERNTSEN TOP	CITY: DESOTO COUNTY:	EAGUE NALL AND PERKINS F: DESOR312	ICES	14.00° NOR		87.00' EAST	AZIMUTH MARK AZIMU	DESCRIPTION OF POINTS:	BERNTSEN TOP SECURITY MONUMENT	WEST OF ULL ROAD, AND IS 14' FEET 735 BEAR CREEK ROAD, AND 43.2' F DART BUS STOP #206.	MAPSCO 84

CHALLON NAME: DECOTO "3				
#2	DATE: MAR&APR 2000	∢ I	거	CONTROL DATA
ALUMINUM CAP SET IN CONCRETE	_	$\mathbf{Z}$		SURVEY METHOD: GPS MOTHER
COUNTY: DALLAS	STATE: TX	NED	SCALE FACTOR: 0.99	0.999876412
SURVEYOR: TEAGUE NALL AND PERKINS PREPARED BY: PROJECT NAME: DESGR312	r: T.W.S.	NAD 27 GRID DATA	COORDINATES (U.S. SURVEY FEET)	PLANE AZIMUTH ANGLE (CONVERGENCE)
		STATE: TX	N 325871.602	
DISTANCES & DIRECTIONS TO PROMINENT & RE 61.85'	REFERENCE MARKS PK NAIL IN PP	ZONE: NC CODE: 4202	E 2198259.040	0.21'03.47525"
27.20' EAST	PK NAIL IN PP	NAD 83	COORDINATES	PLANE AZIMUTH ANGLE
69.45' SOUTHEAST	PK NAIL IN PP	GRID DATA	(U.S. SURVEY FEET) N 6890950.259	(CONVERGENCE)
AZIMUTH MARK GRID AZIMUTH	DISTANCE	ZONE: NC CODE: 4202	E 2474735.536	0.53'46.34925"
STEEPLE 169*45'01"		METRIC CON	CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:		O.F. P.O.B.O.	POSITION NAD 27	☐ NAD 83 ☒ ELEV.(FEET)
			LATITUDE 32*33'39.14385"	NORTH TRIG. LEVEL
CAP SET IN CONCRETE STAMPED, "C 992". MONUMENT IS LOCATED IN THE	SITY OF DESOTO, NORTHEAST		LONGITUDE 96'51'24.37561"	WEST 681.79'
QUADKANI OF THE INTERSECTION OF BEAK CREEK KOAD AND SOUTH HAMPTON ROAD, AND 4.0' FEET FROM THE EDGE OF THE ASPHALT.	EEK KOAD AND THE EDGE OF			
		×	61.85′	27.20'
		Mear creek	EK ROAD	69.45
			DAOR NOT	TO CL TOP
			¶MAH HTUO€	OF CHURCH STEEPL
MAPSCO 83 V		⇒ ÿ ∵ S	<b>B</b>	E

R 2000			
M CAP SET IN CONCRETE  COUNTY: DALLAS  AND PERKINS   PREPARED BY: T.W.S.		ADJUSTED HORIZONTAL CONTROL DATA	CONTROL DATA
AND PERKINS   PREPARED BY: T.W.S.	ORDER: 2ND		SURVEY METHOD: GPS MOTHER □
AND PERKINS   PREPARED BY: T.W.S.		COMBINED SCALE FACTOR: 0.999876367	9876367
		COORDINATES	PLANE AZIMUTH ANGLE
	GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)
	==== STATE: TX	N 325743.502	
DISTANCES & DIRECTIONS TO PROMINENT & REFERENCE MARKS	ZONE: NC		0.20,29.16261"
125.73' NORTH PK NAIL IN PP	CODE: 4202	E 2192875.671	
148.70' NORTHEAST PK NAIL IN PP	NAD 83	COORDINATES	PLANE AZIMUTH ANGLE
31.10' NORTHWEST PK NAIL IN PP	GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)
	STATE: TX	N 6890770.972	
AZIMUTH MARK GRID AZIMUTH DISTANCE C	CODE: 4202	E 2469353.546	7.0000.7
LIGHT DESOTO WATER TOWER 339°00'54"	METRIC CO	METRIC CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:	CEODETIC	POSITION NAD 27	☐ NAD 83 ☒ ELEV.(FEET)
		LATITUDE 32.33'38.19850"	NORTH TRIG. LEVEL
ALUMINUM CAP SET IN CONCRETE STAMPED, "CITY OF DESOTO,	DAIA	LONGITUDE 96*52'27.28928"	WEST 683.52'
MON. 4, 1992". MONUMENT IS LOCATED AT THE SOUTHWEST OUADRANT OF THE INTERSECTION OF BFAR CREEK ROAD AND	FIELD SKE	SKETCH:	
WESTMORELAND ROAD. THE MONUMENT IS 36.0' FEET SOUTH			_
OF THE SOUTH EDGE OF ASPHALT OF BEAR CREEK ROAD, AND 32.0' FEET WEST OF THE WEST EDGE OF ASPHALT OF WESTMORELAND ROAD.		TO CL DESOTO	V



MAPSCO 83

	GEODE		TIC CONTROL DATA SHEE	A SHEET	
STATION NAME: DESOTO #5		DATE: MAR&APR2000	ADJU	ADJUSTED HORIZONTAL CONTROL DATA	ONTROL DATA
MONUMENT TYPE: ALUMINUM CAP	AP SET IN CONCRETE		ORDER: 2ND		SURVEY METHOD: GPS ⊠OTHER□
CITY: DESOTO	COUNTY: DALLAS	STATE: TX	COMBINED S	COMBINED SCALE FACTOR: 0.999876468	9876468
SURVEYOR: TEAGUE NALL AND PERKINS	PERKINS PREPARED BY:	; TWS	NAD 27	COORDINATES	PLANE AZIMUTH ANGLE
PROJECT NAME: DES98312			GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)
	+ + + + + + + + + + + + + + + + + + +		STATE: TX	N 325705.551	
DISTANCES & DIRECTIONS TO PROMINEN	ONS TO PROMINENT & RE	E MAKKS	ZONE: NC		0*19′56.30269″
15.00	NORTHEAST	"X" CUT IN CONC	CODE: 4202	E 218//19.4/2	
128.18′	NORTHWEST	PK NAIL IN PP	NAD 83	COORDINATES	PLANE AZIMUTH ANGLE
114.85	WEST	PK NAIL IN PP	GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)
			STATE: TX	N 6890683.994	
			ZONE: NC		0.52,39.17426"
AZIMUTH MARK	GRID AZIMUTH	DISTANCE	CODE: 4202	E 2464197.865	
WATER TOWER	28*41*28"		METRIC CO	METRIC CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:			CEODETIC	POSITION NAD 27	☐ NAD 83 ☒ ELEV.(FEET)
				LATITUDE 32°33'38.12334"	NORTH TRIG. LEVEL
	# # # # # # # # # # # # # # # # # # #		DAIA	LONGITUDE 96'53'27.54194"	WEST 682.29'
ALUMINUM CAP SET IN CONCRETE STAMPED, CITY OF DESOLO, MON. 5, 1992". THE MONUMENT IS LOCATED AT THE SOUTHEAST	CKETE STAMPED, CHY OF	- DESOIO, SOUTHEAST	FIELD SKETCH:	rch:	
CORNER OF THE INTERSECTION OF BEAR CREEK ROAD AND COCKRELL HILL ROAD. THE MONUMENT IS LOCATED 12.3' FEET EAST OF THE EAST EDGE OF ASPHALT OF COCKRELL HILL ROAD, AND 63 0' FFET SOLITH OF THE SOLITH FINGE OF ASPHALT OF BEAR CREFK	ON OF BEAR CREEK ROAL MONUMENT IS LOCATED 13 HALT OF COCKRELL HILL SOLITH FOGE OF ASPHALT	O AND 2.3' FEET EAST ROAD, AND OF BFAR CRFFK			
ROAD.				<b>11 111</b>	_

14.85 COCKBETT HITT BOYD BEAR CREEK ROAD

CONCRETE

MAPSCO 82 V

COMBINED FOR SET IN CONCRETE   ADJUSTED HORIZONTAL CONTROL DATA		GEODE	DETIC CONTROL	ı	DATA SHEET	
CONDETT: DALCA   STATE: TX   CONDENT: DALCA   SURVEY METHOD: GPS SO THE CONDENTS: DALCA   CONDENTATES   CONDENTATES   CONDENTATES   CONVERGENCI   CONVERGE			E: MAR&APR	ADJI	HORIZONTAL	
COUNTY: DALLAS   STATE. TX   COMBINED SCALE FACTOR: 0.999874134	ALUMINUM	CAP SET IN CONCRETE				_
NAD 27   CONCONDINATES   PLANE AZMUTH A	CITY: DESOTO	COUNTY: DALLAS		COMBINED	CALE FACTOR:	9874134
SOUTH   PROMINENT & REFERENCE MARKS   STATE: TX   N 325734.399   OT19'22.62405	SURVEYOR: TEAGUE NALL AND	PREPARED	TWS	NAD 27 GRID DATA	0 0	PLANE AZIMUTH ANGLE
SOUTH   PK NAL IN PP   CODE 4202   E 2182434.496   OT9'22.62405'	PROJECT NAME: DES98312			STATE: TX	325	(2012012100)
SOUTH   PK NAIL IN PP   CODE: 4202   E 218243.486		શ્ર		ZONE: NC		019'22.62405"
SOUTHWEST CENTER TOP FH NAD 83  NORTHWEST PK NAIL IN PP GRID DATA (U.S. SURVEY FEET) (CONVERGENCE)  GRID AZIMUTH A (U.S. SURVEY FEET) (CONVERGENCE)  SEND AZIMUTH DISTANCE CONE: 4202  SEND AZIMUTH DISTANCE CONE: 4202  CEODETIC CONVERGENCE STAMPED. "OTIV OF DESOTO, MON, 6, CREEK ROAD, THE EAST EDGE OF ASPHALT AND DATA (LONGTUDE 96'54'29.29518")  FIELD SKETCH: AND AND OLIVICAMILIE ROAD THE EAST EDGE OF ASPHALT GREEK ROAD.  MAPSCO 82 U  N.T.S. SURVEY FEET) (CONVERGENCE)  CONVERGENCE STAMPED. "OTIV OF DESOTO, MON, 6, CREET CAST OF THE CAST EDGE OF ASPHALT GREEK ROAD.  FIELD SKETCH: AND AND OLIVICAMILIE ROAD THE EAST EDGE OF ASPHALT GREEK ROAD.  N.T.S. SURVEY FEET) (CONVERGENCE)  FIELD SKETCH: AND 23'33'33'33'33'33'33'33'33'33'33'33'33'3	23.60	SOUTH		CODE: 4202	- 1	
NORTHWEST   PK NALL IN PP   GRID DATA   (U.S. SUBVEY FEET)   (CONVERGENCY CONVERGENCY CO	47.05	SOUTHWEST	CENTER TOP FH	NAD 83		
SONE: NG   CONGRET   CON	81.05	NORTHWEST		GRID DATA		(CONVERGENCE)
GRID AZIMUTH DISTANCE GODE: 4202 E 2458912.755  Se'07'33"  METRIC CONVERSION FACTOR: 3_2808333333  GEODETIC LATITUDE 32'33'38.70825" NORTH TRIG. DATA LONGITUDE 96'54'29_29518" WEST 736  CREEK ROAD AND DUNCANVILE FOOD THE AND 25.5' FEET SOUTH OF THE EAST EDGE OF ASPHALT CREEK ROAD.  GREEK ROAD.  MAPSCO 82 U  N.T.S.				STATE: TX ZONF: NC	N 6890662.586	0.52,05 49439"
METRIC CONVERSION FACTOR: 3.2808333333  GEODETIC RATIOLIS 23:33:38.70825"  CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, INCIRCUPE 96:54:29.29518"  CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, INCIRCUPE 96:54:29.29518"  CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, INCIRCUPE 96:54:29.29518"  CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, INCIRCUPE 96:54:29.29518"  CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, INCIRCUPE 96:54:29.29518"  CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, INCIRCUPE 96:54:29.29518"  CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, INCIRCUPE 96:54:29.29518"  CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, INCIRCUPE 96:54:29.29518"  FIELD SKETCH:  AND 23:57 FEET SOUTH ENGE  CREEK ROAD.  CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, INCIRCUPE 96:54:29.29518"  FIELD SKETCH:  MAPSCO 82 U  N.T.S.	AZIMUTH MARK			CODE: 4202		00.00.00.00
CONCRETE STAMPED, "CITY OF DESOTO, MON, 6, SIS LOCATED IN THE SOUTHEAST CORNER OF THE CREEK ROAD AND DUNCANVILLE ROAD. THE AND ESSOTO, MON, 6, CREEK ROAD AND DUNCANVILLE ROAD. THE AND ESSOTO, MON, 6, TIELD SKETCH:  OREEK ROAD AND DUNCANVILLE ROAD. THE AND ESSOTO, MON, 6, TIELD SKETCH:  OREEK ROAD AND DUNCANVILLE ROAD. THE AND ESSOTO THE SOUTH EDGE  CREEK ROAD.  ON T.S.  N.T.S.	WATER TOWER	56'07'33"				
CONCRETE STAMPED, "CITY OF DESOTO, MON. 6, CONCRETE STAMPED IN THE SOUTHEAST CORNER OF THE CREEK ROAD. THE SAST EDGE OF ASPHALT AND 25.5 FEET SOUTH OF THE SOUTH EDGE CREEK ROAD.  WEST 73G  FIELD SKETCH:  REAR CREEK ROAD.  N.T.S.	DESCRIPTION OF POINTS:					83
AMPED, "CITY OF DESOTO, MON. 6, FIELD SKETCH:  AND DUNCANVILLE ROAD. THE AST OF THE SOUTH EDGE  AST OF THE EAST EDGE OF ASPHALT  EET SOUTH OF THE SOUTH EDGE  WEST OF THE MAN CARENT THE M					TITUDE 32°33'38.70825"	ктн твіс.
N THE SOUTH OF DESOTO, MON. 6,  N THE SOUTH OF THE AND DUNCANVILLE ROAD. THE AST OF THE EAST EDGE EST SOUTH OF THE SOUTH EDGE  BR.005  N. T. S.  N. T. S.						
AND DUNCANVILLE ROAD. THE AST OF THE EAST EDGE OF ASPHALT EET SOUTH OF THE SOUTH EDGE  BUGS  BLOS  N.T.S.	ALUMINUM CAP SET IN CON 1992". THE MONUMENT IS L	ICRETE STAMPED, "CITY OF OCATED IN THE SOUTHEAS	DESOTO, MON. 6, ST CORNER OF THE	1 1	ETCH:	
AST OF THE EAST EDGE OF ASPHALT EET SOUTH OF THE SOUTH EDGE  BY 105  B	INTERSECTION OF BEAR CRE	EK ROAD AND DUNCANVIL	LE ROAD. THE		_#	
N. T. S.	MONUMENT IS LOCATED 11.8	8' FEET EAST OF THE EAS	T EDGE OF ASPHALT		AOS	
82 U N.T.S.	OF ASPHALT OF BEAR CREE	EK ROAD.			# 3°	
82 U N.T.S.					ורר. 	
82 U N.T.S.					/AR	
82 U N.T.S.					Q Q	
82 U N.T.S.					D)NO	
82 U N.T.S.					<b>d</b>	
82 U N.T.S.						BEAR CREEK ROAD
82 U N.T.S.						4 4
82 U N.T.S.					81.05'	
82 U N.T.S.				~		N LIA
82 U N.T.S.					<del>y</del>	THE REPORT OF THE PARTY OF THE
82 U N.T.S.				MC MC	***	A DOGGE
82 U N.T.S.						
82 U N.T.S.				_	* 47.05	•
<u>→</u> Ø	MA	82		N.T.S.	<del>*</del>	23,60'
					ste	<del>-</del> Ø
					<b>**</b> -	

	CONTROL DATA	THOD: GPS MOTHER □	999869501	PLANE AZIMUTH ANGLE	(CONVERGENCE)	019,22.46955"		PLANE AZIMUTH ANGLE	(CONVERGENCE)		0.5800.00.00	3.2808333333	☐ NAD 83 ☒ ELEV.(FEET) NORTH TRIG. LEVEL	WEST 739.38'		x	-ж	-к - х	ж	хх	1300,			BELT LINE ROAD		300 300 300 300 300 300 300 300 300 300		ж ж
OL DATA SHEET	ADJUSTED HORIZONTAL C	ORDER: 2ND SURVEY MET	D SCALE FACTOR: 0.		DATA (U.S. SURVET	Z	DDE: 4202 E 2182350.139	COORDINATI	JAIA (U	STATE: TX   N 6901307.340	DDE: 4202 E 2458727.098	METRIC CONVERSION FACTOR:	GEODETIC POSITION NAD 27 LATITUDE 32'35'24.05952"	DAIA   LONGITUDE 96'54'29.57973"	FIELD SKETCH:	_ ≭	-×	AAIFFE	- T	DOM	H H H H H H H H H H H H H H H H H H H	$\times$	N.T.S.	\	TO THE PROPERTY OF THE PROPERT		<i>s</i>	
DETIC CONTROL	DATE: MAR&APR 2000		STATE: TX C	TWS		& REFERENCE MARKS Z(	PK NAIL IN PP C	dd NI	PK NAIL IN PP	S	DISTANCE			F DESCRETO MON 7	AST CORNER OF THE	E ROAD. THE ST EDGE OF ASPHALT	THE NORTH EDGE OF											
GEODE		CAP SET IN CONCRETE		AND PERKINS   PREPARED BY:		IONS TO PROMINENT & RE	WEST	SOUTH	SOUTHWEST		AZIMUTH			O ALOW LE STAMBED "CITY O	LOCATED AT THE NORTHEA	E ROAD AND DUNCANVILLE 5' FEET EAST OF THE EAS	AND 28.0' FEET NORTH OF ROAD											70
	STATION NAME: DESOTO #7	E: ALUMINUM	CITY: DESOTO	EAGUE NALL	PROJECT NAME: DES98312	DISTANCES & DIRECTIONS TO PROMINENT	62.95'	12.90'	122.92'		AZIMUTH MARK		DESCRIPTION OF POINTS:	NO NI LIMINI IM CAD SET IN CON	1992". THE MONUMENT IS I	INTERSECTION OF BELL LINE ROAD AND DUNCANVILLE ROAD. THE MONUMENT IS LOCATED 13.5' FEET EAST OF THE EAST EDGE OF ASPHALT	OF DUNCANVILLE ROAD, AN	ASTRACT OF BELL LINE NO										

	CONTROL DATA	THOD: GPS ⊠OTHER□		PLANE AZIMUTH ANGLE (CONVERGENCE)	0,10,55 31565"	0.18.55.51565	PLANE AZIMUTH ANGLE	(CONVERGENCE)	0.52,38.18645"		3.2808333333	□ NAD 83 ⊠ ELEV.(FEET) NORTH TRIG. LEVEL	WEST 728.67'		<b>d</b> A08	אורר נ		СОСКИ	BELT LINE ROAD	05:50	,	-125.57′	
OL DATA SHEET	ADJUSTED HORIZONTAL (	ORDER: 2ND SURVEY ME <sup>-</sup>	NED SCALE FACTOR: 0	NAD 27 COORDINATES CRID DATA (U.S. SURVEY FEET)	STATE: TX N 336284.235	ME: NC IDE: 4202 E 2187503.157	00	DAIA (U.S. SURVE)	z —	IDE: 4202 E 2463880.895	METRIC CONVERSION FACTOR:	GEODETIC POSITION NAD 27 LATITUDE 32:35'22.81753"	LONGITUDE 96°53′29.35313″	FIELD SKETCH:			}			70,501			N.T.S.
GEODETIC CONTROL	DATE: MAR&APR 2000	$\vdash$	STATE: TX C	TWS	ST STEFFENCE MARKS	РР	dd N	PK NAIL IN PP	ST	DISTANCE			F DESOTO,	ST CORNER	HE SOUTH EDGE EST OF THE WEST								
GEO		CAP SET IN CONCRETE	COUNTY: DALLAS	AND PERKINS   PREPARED BY:	SOCIZ & DIRECTIONS TO BROWINENT & RE	8	NORTHEAST	EAST		GRID AZIMUTH	25316'42"		NCRETE STAMPED, "CITY OF	MENT IS AT THE SOUTHWES	D 24.0' FEET SOUTH OF THE ROAD, AND 68.0' FEET WILL ROAD.								MAPSCO 82 H
	STATION NAME: DESOTO #8	_	CITY: DESOTO	EAGUE NALL			153.50'	125.57		AZIMUTH MARK	RADIO TOWER	DESCRIPTION OF POINTS:	ALUMINUM CAP SET IN COP	MON. 8, 1992". THE MONUI	THE MONUMENT IS LOCATED 24.0' FEET SOUTH OF THE SOUTH EDGE OF ASPHALT OF BELT LINE ROAD, AND 68.0' FEET WEST OF THE WEST EDGE OF ASPHALT OF COCKRELL HILL ROAD.								₩

	GEODE	DETIC CONTRO	ROL DAT	TA SHEET	
STATION NAME: DESOTO #9		DATE: MAR&APR 2000	ADJI	ADJUSTED HORIZONTAL C	CONTROL DATA
MONUMENT TYPE: ALUMINUM C	CAP SET IN CONCRETE		ORDER: 2ND		SURVEY METHOD: GPS MOTHER 🗆
CITY: DESOTO	COUNTY: DALLAS	STATE: TX	NED	SCALE FACTOR: 0.99	
SURVEYOR: TEAGUE NALL AND PERKINS	) PERKINS   PREPARED BY:	T.W.S.	NAD 27 GRID DATA	COORDINATES (U.S. SURVEY FFFT)	PLANE AZIMUTH ANGLE
PROJECT NAME: DES98312			STATE: TX	458.310	
DISTANCES & DIRECTI	& DIRECTIONS TO PROMINENT & RI	REFERENCE MARKS	ZONE: NC		0.20,29.57109"
138.71	NORTH	РР	CODE: 4202	E 2192875.748	
51.60'	SOUTH	PK NAIL IN PP	NAD 83		PLANE AZIMUTH ANGLE
69.05	SOUTHWEST	PK NAIL IN PP	GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)
			STATE: TX	N 6901485.478	0.53,12 44308"
AZIMUTH MARK	GRID AZIMUTH	DISTANCE	CODE: 4202	E 2469251.692	
RADIO TOWER	256*59*28"		METRIC CC	CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:			CEDE	POSITION NAD 27	☐ NAD 83 🛭 ELEV.(FEET)
				LATITUDE 32.35'24.22716"	
			DAIA LO	LONGITUDE 96'52'26.54161"	WEST 707.26'
ALUMINUM CAP SET IN MON 9 1999" MON IME	CONCRETE STAMPED, "CIT	TY OF DESOTO,	FIELD SKE	SKETCH:	
MON. 3, 1992 . MONOINI	FRANCIS COCATED IN THE PERSONAL OF BELT INF	POATIENS!			Q
WESTMORELAND ROAD.	GOADKANI OF THE INTERSECTION OF BELL LINE ROAD AND WESTMORELAND ROAD. THE MONUMENT IS LOCATED 25.7' FEET EACT OF THE CENTEDINIE OF WESTMORENAMD DOAD AND	ED 25.7' FEET		-	X <del>-</del>
85.2' FEET NORTH OF 1	THE CENTERLINE OF BELT	LINE ROAD.			138.71,
					ж
			ξ.	G RED LIGHT	х
			4	RADIO TOWER	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
				\	
					Ø
				BELTLINE ROAD	
			<b>မ</b>	\	
			Mc Mc	AOF	
				###	
			_		
MA	MAPSCO 83 F		N.T.S.	)MT8	
				E ARE	

	GEODE		TIC CONTROL DATA SHEET	A SHEET	
STATION NAME: DESOTO #11		DATE:MAR&APR 2000	ADJU	ADJUSTED HORIZONTAL CONTROL DATA	ONTROL DATA
MONUMENT TYPE: ALUMINUM CAP SET IN CONCRETE	AP SET IN CONCRETE		ORDER: 2ND		SURVEY METHOD: GPS ⊠OTHER□
CITY: DESOTO	COUNTY: DALLAS	STATE: TX	COMBINED S	COMBINED SCALE FACTOR: 0.999879690	9879690
SURVEYOR: TEAGUE NALL AND PERKINS	PERKINS   PREPARED BY: T.W.S.	1.	NAD 27	COORDINATES	PLANE AZIMUTH ANGLE
PROJECT NAME: DES98.312			GRID DAIA	(U.S. SURVEY FEET)	(CONVERGENCE)
			CTATE: TV	N 336459.830	
DISTANCES & DIRECTIO	DISTANCES & DIRECTIONS TO PROMINENT & REFEREN	FERENCE MARKS	ZONE: NC		0.22,09.66119"
115.50'	SOUTHWEST	PK NAIL IN PP	CODE: 4202	E 2208576.455	
85.11'	SOUTHWEST	"X" CUT	NAD 83	COORDINATES	PLANE AZIMUTH ANGLE
62.57	NORTHWEST	⊥X" CUT	GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)
			STATE: TX	N 6901636.323	0.54,52.53669"
AZIMUTH MARK	GRID AZIMUTH	DISTANCE	CODE: 4202	E 2484951.980	
MICROWAVE TOWER	116*11*41"		METRIC CON	METRIC CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:			O E H	POSITION NAD 27	☐ NAD 83 🗵 ELEV.(FEET)
			GEODE IIC LATI	LATITUDE 32*35'23.27747"	NORTH TRIG. LEVEL
			_		_

FIELD SKETCH:

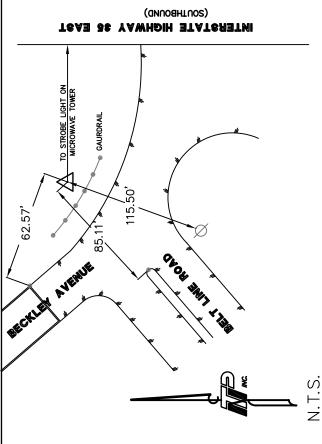
526.72

WEST

LONGITUDE 96'49'23.01812"

DATA

ALUMINUM CAP SET IN CONCRETE STAMPED, " CITY OF DESOTO, MON. 11, 1992". MONUMENT IS LOCATED ALONG THE PROJECTED CENTERLINE OF BELT LINE ROAD BETWEEN THE SOUTHBOUND MAIN LANES OF INTERSTATE HIGHWAY 35 EAST AND THE BECKLEY AVENUE FRONTAGE ROAD. THE MONUMENT IS LOCATED 8.4' FEET NORTHEAST OF THE GAURDRAI, AND 11.0' FEET EAST OF THE EAST EDGE OF ASPHALT OF BECKLEY AVENUE.



MAPSCO 84 H

	GEODE-	DETIC CONT	FIC CONTROL DATA SHEET	A SHEET	
STATION NAME: DESOTO #12		DATE: MAR&APR 2000	ADJU	ADJUSTED HORIZONTAL CONTROL DATA	ONTROL DATA
MONUMENT TYPE: ALUMINUM CAP SET IN CONCRETE	CAP SET IN CONCRETE		ORDER: 2ND		SURVEY METHOD: GPS MOTHER
CITY: DESOTO	COUNTY: DALLAS	STATE: TX	COMBINED S	COMBINED SCALE FACTOR: 0.999870945	9870945
SURVEYOR: TEAGUE NALL AND PERKINS	D PERKINS   PREPARED BY: T.W.S	Y: T.W.S.	NAD 27	COORDINATES	PLANE AZIMUTH ANGLE
PROJECT NAME: DESG8312			GRID DAIA	(U.S. SURVEY FEET)	(CONVERGENCE)
INCOROL INCIDES DESCOIS			STATE: TY	N 347099,868	
DISTANCES & DIRECT	DISTANCES & DIRECTIONS TO PROMINENT & REFERENCE MARKS	EFERENCE MARKS	ZONE: NC		0.22,08.26398"
154.82'	NORTHWEST	CENTER TOP FH	CODE: 4202	E 2208289.052	
186.10	SOUTHWEST	PK NAIL IN PP	NAD 83	COORDINATES	PLANE AZIMUTH ANGLE
84.99	SOUTHWEST	AZIMUTH MARK	GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)
			STATE: TX	N 6912273.207	0.67,51,12062"
AZIMUTH MARK	GRID AZIMUTH	DISTANCE	CODE: 4202	E 2484563.017	00001:10 +0 0
RADIO TOWER	246*25*38"		METRIC COI	METRIC CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:			GEODETIC	POSITION NAD 27	□ NAD 83 ⊠ ELEV.(FEET)

NORTH TRIG. LEVEL

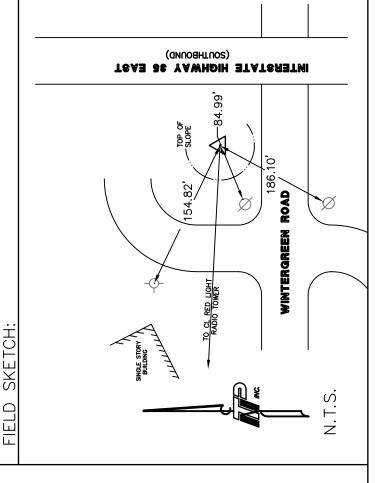
627.11

WEST

LONGITUDE 96'49'25.58031" LATITUDE 32.37'08.58307"

DATA

ALUMINUM CAP SET IN CONCRETE STAMPED "CITY OF DESOTO, MON. 12, 1992". MONUMENT IS LOCATED IN THE NORTHWEST QUADRANT OF THE INTERSECTION OF WINTERGREEN ROAD AND THE SOUTHBOUND ACCESS ROAD OF INTERSTATE HIGHWAY 35 EAST. THE MONUMENT IS LOCATED 80.5' FEET NORTH OF THE NORTH CURB OF WINTERGREEN ROAD AND 85.5' FEET WEST OF THE WEST EDGE OF ASPHALT OF THE SOUTHBOUND FRONTAGE ROAD.



MAPSCO 74 V

	GEODE	DETIC CONTROL	L DAT	A SHEET	
STATION NAME: DESOTO #13		DATE: MAR&APR 2000	ADJUSTED	HORIZONTAL	CONTROL DATA
MONUMENT TYPE: ALUMINUM (	CAP SET IN CONCRETE		ORDER: 2ND	SURVEY MET	METHOD: GPS ⊠OTHER □
CITY: DESOTO	COUNTY: DALLAS	STATE: TX	NED	SCALE FACTOR: 0.99987	9871710
SURVEYOR: TEAGUE NALL AND PERKINS	PREPARED	BY: T.W.S.	NAD 27 GRID DATA	COORDINATES (U.S. SURVEY FEET)	PLANE AZIMUTH ANGLE (CONVERGENCE)
PROJECT NAME: DESYBS12			STATE: TX	N 346775.752	
NCES	NT &		ZONE: NC		0.21,02.62882"
147.08'	NORTHWEST	PK NAIL IN PP	CODE: 4202	E 2197998.325	
62.46'	NORTHEAST	"X" CUT	NAD 83	1-	PLANE AZIMUTH ANGLE
156.23'	SOUTH	PK NAIL IN PP	GRID DAIA	(U.S. SURVEY FEEL)	(CONVERGENCE)
			STATE: TX ZONE: NC	N 0911601.208	0.53'45.50117"
AZIMUTH MARK	GRID AZIMUTH	DISTANCE	CODE: 4202	E 2474275.624	
RADIO TOWER	250*46'43"		METRIC CON	CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:			CEC	POSITION NAD 27	☐ NAD 83 ☒ ELEV.(FEET)
				LATITUDE 32.37'06.01573"	
			LONG	LONGITUDE 96'51'25.93004"	WEST 613.06'
N FES GAS MINIMINA	VIO" GEMATS STEEDINGS	0505040	FIELD SKETCH:	CH:	
MON. 13, 1992". MONUM OF THE INTERSECTION OF	MON. 13, 1992". MONUMENT IS LOCATED IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF WINTERGREEN AND HAMPTON ROAD.	SOUTHWEST QUADRANT D HAMPTON ROAD.			
MONUMENT IS LOCATED HAMPTON ROAD, AND 3% SIDEWALK ALONG WINTER	4.5 FEET WEST OF THE W 2.8' FEET SOUTHWEST OF	MEST CURB OF THE END OF THE		SINGLE STORY BUILDING	
				mmmmm	
				Wintergreen Road	Control Married
				747.08	ď
			Ma	$Y \sim C$	
∇ M	7 % C C C C C C C C C C C C C C C C C C			TO G. RED. LIGHT. OF BLOG. 1455)	MPTON 156.23.
	)		S. E.		 <b>∀H</b>   Ø

	GEODE	DETIC CONTROL	1 1	DATA SHEET	
STATION NAME: DESOTO #14		DATE:MAR&APR 2000	ADJUSTED	HORIZONTAL	CONTROL DATA
MONUMENT TYPE: ALUMINUM C	CAP SET IN CONCRETE		ORDER: 2ND	SURVEY MET	METHOD: GPS ⊠OTHER □
CITY: DESOTO	COUNTY: DALLAS	STATE: TX	NED	$\sim$	999873135
	AND PERKINS PREPARED BY:	Y: T.W.S.	NAD 27 GRID DATA	COORDINATES	PLANE AZIMUTH ANGLE
PROJECT NAME: DES98312				N 346888 610	
DISTANCES & DIRECT	& DIRECTIONS TO PROMINENT & RE	REFERENCE MARKS	ZONE: NC		0.20,29.82946"
80.90'	SOUTHWEST	PK NAIL IN PP	CODE: 4202	E 2192854.119	
37.35'	NORTHWEST	PK NAIL IN PP	NAD 83	1	PLANE AZIMUTH ANGLE
149.63'	EAST	PK NAIL IN PP	GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)
			STATE: TX ZONE: NC	N 6911915.109	0.53,12,70070"
AZIMUTH MARK	GRID AZIMUTH	DISTANCE	CODE: 4202	E 2469130.683	
WATER TOWER	183°34'31"		METRIC CON	CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:			C F L C C C	POSITION NAD 27	☐ NAD 83 ☒ ELEV.(FEET)
				LATITUDE 32.37'07.44004"	NORTH TRIG. LEVEL
N F30 GVO MINIMITIV	ALIMINIM CAB SET IN CONCESTE INSIDE A CAST IDON WATER	CT IDON WATED	LONG	LONGITUDE 96'52'26.06897"	WEST 581.66'
METER BOX STAMPED,	"CITY OF DESOTO, MON.	14, 1992".	FIELD SKETCH:	CH:	
MONUMENT IS LOCATED	D IN THE NORTHEAST QUA	ADRANT OF THE	1		
INTERSECTION OF WINT MONUMENT IS LOCATEI OF ASPHALT OF WINTE THE EAST EDGE OF AS	INTERSECTION OF WINTERGREEN ROAD AND WESTMORELANI MONUMENT IS LOCATED 29.1' FEET NORTH OF THE NORTH OF ASPHALT OF WINTERGREEN ROAD AND 66.0' FEET EASTHE EAST EDGE OF ASPHALT OF WESTMORELAND ROAD.	D WESTMORELAND ROAD. 4 OF THE NORTH EDGE 5 66.0' FEET EAST OF RELAND ROAD.		WESTMO	
				RELA	
			,	MD	•
				ROA	37.35, 149.63,
				D SEE	
			<u> </u>	WINTERGREEN ROAD	,80°,0¢
				in the the the	4 4
			WC WC		
				Ø	TO CL DOUBLE RED LIGHT ON WATER TOWER
			<u> </u>	<b>S</b>	
MA	MAPSCO 73 T		N.T.S.		7/
					*

	GEODE	DETIC CONTRO		DATA SHEET	
STATION NAME: DESOTO #15		DATE: MAR&APR 2000	ADJI	ADJUSTED HORIZONTAL C	CONTROL DATA
MONUMENT TYPE: ALUMINUM C	CAP SET IN CONCRETE		ORDER: 2ND	SURVEY	METHOD: GPS ⊠OTHER □
CITY: DESOTO	COUNTY: DALLAS	STATE: TX	COMBINED	SCALE FACTOR: 0.99	0.999870696
SURVEYOR: TEAGUE NALL AND PERKINS	) PERKINS   PREPARED BY:	T.W.S.	NAD 27 GRID DATA	COORDINATES	PLANE AZIMUTH ANGLE
PROJECT NAME: DES98312			STATE: TX	346709,664	
DISTANCES & DIRECTIONS	TO PROMINENT &	REFERENCE MARKS	ZONE: NC		019'55.85201"
72.34'	NORTHWEST	эр	CODE: 4202	E 2187526.905	- - - - - - -
69.87'	NORTHWEST	PK NAIL IN PP	NAD 83	ORDINAT	PLANE AZIMUTH ANGLE
174.40	NORTHWEST	PK NAIL IN PP	GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)
			STATE: TX ZONF: NC	N 6911685.520	0.52,38.72212"
AZIMUTH MARK	GRID AZIMUTH	DISTANCE	CODE: 4202	E 2463805.268	
RADIO TOWER	232*17'58"		METRIC CO	CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:			C E C C	POSITION NAD 27	☐ NAD 83 ☒ ELEV.(FEET)
				LATITUDE 32.37'05.97973"	NORTH TRIG. LEVEL
			DAIA	LONGITUDE 96.53'28.37097"	WEST   634.62'
ALUMINUM CAP SET IN CONCRETE STAMPED, MON. 15, 1992". MONUMENT IS LOCATED ON	I CONCRETE STAMPED, "CI JMENT IS LOCATED ON TH	E STAMPED, "CITY OF DESOTO, OCATED ON THE EAST SIDE OF	NS GTELD SKE	SKETCH:	
COCKRELL HILL ROAD,	121.0' FEET SOUTH OF TH	HE PROJECTED		a	
CENTERLINE OF THE WI	EST LEG OF WINTERGREEN OCATED 11.5' FEET EAST (	I ROAD. THE OF THE EAST			_
EDGE OF PAVEMENT OF	EDGE OF PAVEMENT OF COCKRELL HILL ROAD.			<b>۱۲ ۱</b>	
				<b></b>	
				KBE	WINTERGREEN ROAD
				<b>20</b>	
				9	
				WINIERGREEN ROAD 174/4	40,
			<b>~</b>		
			MC MC	<u></u>	
				J.	
			_	69.87	
MA	MAPSCO 72 V		N.T.S.		TO G. RED LIGHT
				-	ON RADIO TOWER

SIMILIAMIL: DESCIO #10		OV GOV GOV GOV		ADJUSTED HORIZONTAL C	CONTROL DATA
MONUMENT TYPE: BERNTSEN TOP SECURITY	SECURITY W/ACCESS	DATE: MAR&APR 2000 COVER	ORDER:	SURVEY ME	. [ ~ ′
		STATE: TX	VED	CALE FACTOR: 0.9	
TEAGUE NALL AND PERKINS P	PREPARED BY:	TWS	NAD 27 GRID DATA	COORDINATES (U.S. SURVEY FEET)	PLANE AZIMUTH ANGLE (CONVERGENCE)
DISTANCES & DIRECTIONS TO PROMINENT	&	REFERENCE MARKS	STATE: TX ZONE: NC	N 347668.788	
		BACK OF CURB	CODE: 4202	E 2182114.637	000 70:12 61 0
WEST	ST	BARBED WIRE FENCE	NAD 83 GRID DATA	COORDINATES (U.S. SURVEY FEET)	PLANE AZIMUTH ANGLE (CONVERGENCE)
			STATE: TX	N 6912593.106	0.52,04.24224"
AZIMUTH MARK AZIMUTH	IUTH	DISTANCE	CODE: 4202	E 2458384.051	0.02.04.24224
			METRIC CC	CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:			GEODETIC LA	POSITION NAD 27 LATITUDE 32:37'15.77674"	□ NAD 83 ⊠ ELEV.(FEET) NORTH TRIG. LEVEL
SECURITY MONUMENT WIT	TH ACCESS (	SOVER STAMPED,	DATA	LONGITUDE 96°54'31.59105"	_
NTERLINE OF MEADOW CRE	EEK DRIVE O	N THE WEST SIDE	FIELD SKE	SKETCH:	
LOCATED 4.7' FEET WEST OF THE WEST CURBLINE OF DUNCANVILLE ROAD, AND 4.7' FEET EAST OF A BARBED WIRE FENCE.	CURBLINE OI	DUNCANVILLE ROAD,		TEET N	
				14M HT	
				4	Meadow Creek Drive
				MRE I	
				BARBE	
				dAc	
				רב שני	
MAPSCO 72	Ø		Z Z Z		

COMENTED ESTATE   CONTINUENT WASCESS COVER   CONCENTRATE   CONTINUENT PRE-   CONTI		GEODE	DETIC CONTROL	TROL DATA	A SHEET	
CONVERGENCE	STATION NAME: DESOTO #17		DATE: MAR&APR 2000		HORIZONTAL	
COUNTY, DALLAS   STATE, TX   COMBINED SCALE FACTOR; 0.999863907	BERNTSEN		COVER	ORDER:		<b>MOTHER</b>
NAD 27   COORDINA FEE   PLANE AZIMUTH A	CITY: DESOTO				: FACTOR:	9863907
NET   NET	SURVEYOR: TEAGUE NALL AND	PREPARED	T.W.S.	NAD 27 GRID DATA	ORDINAT SURVEY	PLANE AZIMUTH ANGLE (CONVERGENCE)
WEST   W. CB COOKRELL HILL   CODE: 4202   E 2187777.199   O'19'57.46017"	PROJECT NAME: DES98312			STATE: TX	370.849	
WEST   W. CB COCKRELL HILL   CUDE: 4202   E.2187/17/199		શ્ર		ZONE: NC		019'57.46017"
NAPSCO 72 D   NAPSCO 72 D   NATS	252.0'	WEST	COCKRELL HILL	CODE: 4202	- 1	
SOUTH   N. CB WHEATLAND   STATE: TX   N 6922348.039	13.7'	WEST	LIGHT STANDARD	NAD 83	ORDINAT	
MAPSCO 72 D  AZIMUTH  DISTANCE  CODE: 4202  METRIC CONVERSION FACTOR: 3,2808333333  METRIC CONVERSION FACTOR: 3,28083333333  GEODETIC CONVERSION FACTOR: 3,28083333333  GEODETIC CONVERSION FACTOR: 3,28083333333  LELLO STREED STREED  FIELD SKETCH:  MACREENS  MARTIAND ROAD  N.T.S.	15.7'	SOUTH	CB WHEATLAND	GRID DATA	2348.039	(CONVERGENCE)
METRIC CONVERSION FACTOR: 3.2808333333  GEODETIC LATITUDE 3238'51.46507" NAD 83 Ø ELEV.  DATA LONGITUDE 96'53'25.42361" WEST   698  TIELD SKETCH:  THE EAST CHRRUNE OF WHEATLAND ROAD. ST OF A LIGHT STANDARD.  MAPSCO 72 D  N.T.S.				ZONE: NC		0.52'40.32959"
METRIC CONVERSION FACTOR: 3.2808333333  GEODETIC LATITUDE 32'38'51,46507" NORTH TRIG. DATA LONGITUM NAD 27 II NAD 83 KB IELV.  DATA LONGITUDE 96'32'56,42361" WEST 699  FIELD SKETCH: FIELD SKETCH: FIELD SKETCH: THE NORTH CURBLINE OF WHEATLAND ROAD, ST OF A LIGHT STANDARD.  MAPSCO 72 D  N.T.S. N.T.S.	AZIMUTH MARK	AZIMUTH		4202	၁၂	
WAPSCO 72 D  GEODETIC POSITION NAD 27 NAD 83 SETEVANDED.  OATA LONGTUDE 36'32'25.42361"  NORTH RIG.  DATA LONGTUDE 96'53'25.42361"  WALGREENS  FIELD SKETCH:  NORTH RIG.  DATA LONGTUDE 96'53'25.42361"  WALGREENS  FIELD SKETCH:  WALGREENS  WALGREENS  N.T.S.						
WAPSCO 72 D  WATA  WAPSCO 72 D  WALGRENS  WHEATLAND ROAD	DESCRIPTION OF POINTS:				POSITION NAD 27	83
FIELD SKETCH:  WALGREENS  WALGREENS  WHEATLAND ROA  N.T.S.					TUDE 32°38'51.46507"	NORTH TRIG.
COCKREELL HILL ROAD  WALGREENS DRUG STORE  S25.0  WHEATLAND ROA  WHEATLAND ROA						
COCKBELL HILL ROAD  N.T.S.	BERNSTEN TOP SECURITY "CITY OF DESOTO MON	Y MONUMENT WITH ACCES	SS COVER STAMPED,			
COCKBELL HILL ROAD  N.T.S.	252' FEET EAST OF THE 15.7' FFFT NORTH OF THE	EAST CURBLINE OF COCHE NORTH CURBLINE OF	KRELL HILL ROAD,		= -	
COCKRELL HILL ROAD  N.T.S.	AND 13.7' FEET EAST OF	F A LIGHT STANDARD.				WALGREENS
COCKRELL HILL ROAD  N.T.S.						DRUG STORE
COCKRELL HILL ROAD  N.T.S.						
COCKRELL HILL ROAD  N.T.S.						(A13.72)
COCKRELL HILL ROAD N.T.S.						
COCKRELL HILL ROAD N.T.S.						, is of,
COCKRELL HILL ROAD N.T.S.						
72 D N.T.S.					<b>QY</b> (	WHEATLAND ROAD
72 D N.T.S.					. אורר פס	
72 D N.T.S.					צברו	
72 D N.T.S.					OCKI	
	MA	72		N.T.S.	 o	

	GEODE	1 ' 1	ROL DA	TIC CONTROL DATA SHEET		
STATION NAME: DESOTO #18		DATE: MAR&APR 2000	ADJ	ADJUSTED HORIZONTAL CONTROL DATA	ONTROL DATA	
MONUMENT TYPE: ALUMINUM CAP SET IN CONCRETE	SAP SET IN CONCRETE		ORDER: 2ND		SURVEY METHOD: GPS MOTHER!	
CITY: DESOTO	COUNTY: DALLAS	STATE: TX	COMBINED	COMBINED SCALE FACTOR: 0.999897334	9897334	
SURVEYOR: TEAGUE NALL AND PERKINS	PERKINS   PREPARED BY:	: TWS	NAD 27	COORDINATES	PLANE AZIMUTH ANGLE	GLE
PROJECT NAME: DES98312			GRID DAIA	(U.S. SURVEY FEET)	(CONVERGENCE)	
			STATE TY	N 357366.752		
DISTANCES & DIRECT	DISTANCES & DIRECTIONS TO PROMINENT & REFERENCE MARKS	FERENCE MARKS	ZONE: NC		".0017871897"	
57.20	NORTHEAST	PK NAIL IN PP	CODE: 4202	E 2192617.548		
56.12'	SOUTHEAST	PK NAIL IN PP	NAD 83	COORDINATES	PLANE AZIMUTH ANGLE	GLE
76.70'	SOUTHWEST	PK NAIL IN PP	GRID DATA	(U.S. SURVEY FEET)	(CONVERGENCE)	
			STATE: TX	N 6922390.563	0.52,11 58036"	
AZIMUTH MARK	GRID AZIMUTH	DISTANCE	CODE: 4202	E 2468794.199		
WATER TOWER	328'57'45"		METRIC C	METRIC CONVERSION FACTOR:	3.2808333333	
DESCRIPTION OF POINTS:			G H G G	POSITION NAD 27	☐ NAD 83 🛭 ELEV.(FEET)	FEET)
				LATITUDE 32*38*51.13922"	NORTH TRIG. LEVEL	EVEL
			DAIA	1 ONOTITION 06.650,00 10.771"	+ OLIV	,

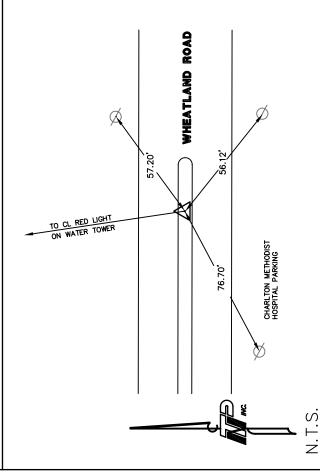
FIELD SKETCH:

ALUMINUM CAP SET IN CONCRETE STAMPED "CITY OF DESOTO, MON. 18, 1992". THE MONUMENT IS LOCATED ON THE EAST END OF A CONCRETE MEDIAN ON WHEATLAND ROAD, APPROXIMATELY 0.6 MILES EAST OF THE INTERSECTION OF WHEATLAND ROAD AND HIGHWAY 67. THE MONUMENT IS LOCATED 25' FEET WEST OF THE EAST END OF THE MEDIAN NOSE ALONG THE CENTERLINE OF THE MEDIAN.

LONGITUDE 96'52'28.10771"

685.94

WEST



MAPSCO 73 B

CONCINENT NAME   CONTROL DATA   CANTROL MAKE   CANTROL DATA   CA		GEODE	DETIC CONTROL	1 .	DATA SHEET	
CONTINUED   CONT	STATION NAME: DESOTO #19		DATE:MAR&APR 2000	:NPAY	HORIZONTAL	
COUNTY, DALLAS   STATE, TX   COMBINED SCALE FACTOR: 0.99968069	MONUMENT TYPE: BERNTSEN	SECURITY W/ACCESS	COVER		$  \setminus  $	HOD: GPS ⊠OTHER□
NAD 27   CONCENTRATES   PLANE AZMUTH A N 52171.816   CONCENTRATES   CONCENTRATES   CONCENTRATES   CONCENTRATES   CONCENTRATE   CONCENTRATES	CITY: DESOTO	COUNTY: DALLAS			E FACTOR: 0.9	9868069
SOUTHWEST	SURVEYOR: TEAGUE NALL AND		T.W.S.	NAD 27	COORDINA	AZIMUTH
NECTIONS TO PROMINENT & REFERENCE MARKS   SONE. N. N. SUTJAISTS   SOUTHWEST   CODE. 4202   E 203288.661   CONVERGENCE	PROJECT NAME: DES98312			GRID DAIA	.S. SURVEY	(CONVERGENCE)
SOUTHWEST   POWER POLE   CODE: 4202   E 2203288.661   CONDINATES   CONDINATE   CONDINATES   CONDINATES   CONDINATES   CONDINATES   CONDINATE   CONDINATES   CONDINATES   CONDINATES   CONDINATES   CONDINATE				STATE: TX ZONE: NC	N 352171.816	0.21,36 58054"
WEST   GUYWRE   NAD 83   COORDINATES   PLANE AZIMUTH A GRID DATA   (U.S. SURVEY FEET)   COONVERGENCE			E	CODE: 4202	- 1	F 000000000000000000000000000000000000
AZIMUTH DISTANCE  AZIMUTH DISTANCE  AZIMUTH ACCESS COVER STAMPED.  1.9. 2007. THE MONUMENT SI LOATED IN FIRE STORES COVER STAMPED.  E ADMINISTRACION OF DANIELDALE ROAD E MATERIAL TO DANIELDALE ROAD.  EDGE OF ASPHALT OF DANIELDALE ROAD.  EDGE OF ASPHALT OF DANIELDALE ROAD.  DANIELDALE ROAD.  AMAPSCO 74 K  N.T.S.	12.0'	WEST	GUYWIRE	NAD 83	COORDINAT	-
STAME   Note: 4202   E 2479514.430   O'54'19.45361"				GRID DATA	.S. SURVEY	(CONVERGENCE)
METRIC CONVERSION FACTOR: 3,2808333333  GEODETIC LATITUDE 323759.08697" NORTH TRIG.  19, 2000". THE WONUMENT SI LOCATED IN ELEVANT OF LATITUDE 3675023.67621" WEST 64  19, 2000". THE WONUMENT SI LOCATED IN FIRE TRIG.  19, 2000". THE WONUMENT SI LOCATED IN FIRE TRIG.  19, 2000". THE WONUMENT SI LOCATED IN FRICT CHILD SKETCH:  19, 2000". THE WONUMENT SI LOCATED IN FRICT CHILD SKETCH:  19, 2000". THE WONUMENT SI LOCATED IN FRICT CHILD SKETCH:  19, 2000". THE WONUMENT SI LOCATED IN FRICT CHILD SKETCH:  10, 2000". THE WONUMENT SI LOCATED IN TRIG.  11, 2000". THE WONUMENT SI LOCATED IN TRIG.  11, 2000". THE WONUMENT SI LOCATED IN TRIG.  12, 2000". THE WONUMENT SI LOCATED IN TRIG.  14, 2000". THE WONUMENT SI LOCATED IN TRIG.  15, 2000". THE WONUMENT SI LOCATED IN TRIG.  16, 2000". THE WONUMENT SI LOCATED IN TRIG.  16, 2000". THE WONUMENT SI LOCATED IN TRIG.  17, 2000". THE WONUMENT SI LOCATED IN TRIG.  18, 2000". THE WONUMENT SI LOCATED IN TRIG.  19, 2000". THE WONUMENT SI LOCATED IN TRIG.  10, 2000". TH				STATE: TX ZONE: NC	N 691/29/.389	0.54'19.45361"
METRIC CONVERSION FACTOR: 3.2808333333  GEODETIC LATITUDE 32'37'59.08697"  NORTH RRG. 19, 2000". THE MONUMENT IS LOCATED IN SAME BANKED AND 20' FEIT E MONUMENT IS LOCATED IN SANT OF THE INTERSECTION OF DANKELAME ROAD. FIELD SKETCH:  EDGE OF ASPHALT OF DANKELDALE ROAD.  MAPSCO 74 K  N.T.S.	AZIMUTH MARK	AZIMUTH		CODE: 4202		
GEODETIC LATITUDE 32/37/59.08697" NORTH TRIG.  DATA LONGTUDE 96'50'23.67621" WEST 64  LONGTUDE 96'50'23.67621" WEST 64  LONGTUDE 96'50'23.67621" WEST 64  FIELD SKETCH:  E.D.GE OF ASPHALT OF DANIELDALE ROAD  BANIELDALE ROAD  MAPSCO 74 K  N.T.S.						
TITY MONUMENT WITH ACCESS COVER STAMPED, 19, 2000". THE MONUMENT WITH ACCESS COVER STAMPED, 19, 2000". THE MONUMENT IS LOCATED IN RANT OF THE INTERSECTION OF DANIELDALE ROAD EMONOMENT IS LOCATED SIGNED SIG	DESCRIPTION OF POINTS:					83 🖾
FIELD SKETCH:  POLK  BANIELDALE ROAD  U.T.S.					TUDE 32*37'59.08697"	TRIG.
FIELD SKETCH:  POLK STREET  OUTWINE TO SAMELDALE RO  N.T.S.						
DANIELDALE RO	BERNTSEN TOP SECURITY I	MONUMENT WITH ACCESS C	COVER STAMPED,		_CH:	
N.T.S.	THE SOUTHEAST QUADRAN	T OF THE INTERSECTION OF	F DANIELDALE ROAD		-	
DANIELDALE RO N.T.S.	AND POLK STREET. THE MI OF A POWER POLE. 12.0' F	ONUMENT IS LOCATED 21.5 FEET EAST OF A GUYWIRE.	, FEET NORTHEAST AND 25.0' FEET		y d	
POLK STREET N.T.S.	SOUTH OF THE SOUTH EDC	SE OF ASPHALT OF DANIEL	DALE ROAD.		,	
POLK STRI					133	
DANIELDALE RO UNVINE  N.T.S.					" IAT8	
DANIELDALE RO					**************************************	,
DANIELDALE RO  CLYWRE  N.T.S.						= = =
N.T.S.					Ð	
N.T.S.				#	# # #	# # #
N.T.S.				~	di	
					GUYWRE —	
						<u>ا</u>
				_	di	21.5
	MΑ	PSCO 74 K		N.⊤.S	st.	

STATION NAME: DESOTO #20 MONUMENT TYPE: ALUMINUM CAP SET IN					
CAP		DATE: MAR&APR 2000	ADJL	ADJUSTED HORIZONTAL C	CONTROL DATA
	SET IN CONCRETE		ORDER: 2ND	SURVEY ME	THOD: GPS ⊠OTHER □
CITY: DESOTO CITY: DESOTO	COUNTY: DALLAS	STATE: TX	NED	9.	2
$\sim$ 1	PREPARED BY:	T.W.S.	NAD 27 GRID DATA	COORDINATES (U.S. SURVEY FEET)	PLANE AZIMUTH ANGLE (CONVERGENCE)
			STATE: TX	N 352231.207	
DISTANCES & DIRECTIONS TO PROMINENT 191.70' WEST	PROMINENT & REFERE	ERENCE MARKS PK IN PP	ZONE: NC CODE: 4202	E 2208258.292	0.22'08.27855"
111.34' NORT	NORTHEAST	"X" CUT	NAD 83	COORDINAT	PLANE AZIMUTH ANGLE
86.56' NORT	NORTHEAST	"X" cut	GRID DAIA		(CONVERGENCE)
			STATE: TX ZONE: NC	N 6917404.040	0.54'51.15266"
AZIMUTH MARK GRID	AZIMUTH	DISTANCE	CODE: 4202	E 2484483.358	
WATER TOWER 20	208*41*58"		METRIC CC	CONVERSION FACTOR:	3.2808333333
DESCRIPTION OF POINTS:			GEODETIC	POSITION NAD 27	□ NAD 83 ⊠ ELEV.(FEET) NORTH TRIG LEVEL
			DATA LO	LONGITUDE 96*49'25.55441"	99
ALUMINUM CAP SET IN CONCRETE ST MON 20 1992" MONIMENT IS LOCA	TAMPED, "CITY OF	DESOTO,	FIELD SKE	SKETCH:	
MON. 20, 1992". MONUMENT IS LOCATED IN THE SOUTHWEST QUADRANT OF THE INTERSECTION OF DANIELDALE ROAD AND THE SOUTH BOUND FRONTAGE ROAD OF INTERSTATE HIGHWAY 35 EAST. THE MONUMENT IS LOCATED 20.9' FEET SOUTH OF THE SOUTH EDGE OF DANIELDALE ROAD AND 26.6' WEST OF THE WEST EDGE OF THE FRONTAGE ROAD.	CATED IN THE SOUTH OF DANIELDALE ROY OF INTERSTATE H 20.9' FEET SOUTH SE.6' WEST OF THE TANIELDALE ROY OF	THWEST AD AND IGHWAY 35 OF THE SOUTH WEST EDGE		DAMIELDALE ROAD 111,34.  B6.56.  B6.56.	INTERSTATE HIGHWAY 35 EAST (SOUTHBOUND)

	AL CONTROL DATA	METHOD: GPS ⊠OTHER □	0.999873109	ES PLANE AZIMUTH ANGLE (CONVERGENCE)		0.21'03.27187"	PLAN	FEET) (CONVERGENCE)	0.53'46.14506"	0)	JR: 3.2808333333	D 27 NAD 83 S ELEV.(FEET) NORTH TRIG. LEVEL	WEST 664.90'		-	SINGLE STORY BUILDING		-	Ø 10 S	o REE	LICHT TOWER	73,60	and a second	79.55′	55.75	₩ ₩
DATA SHEET	ADJUSTED HORIZONTAL	2ND SURVEY	SCALE FACTOR:	COORDINAT	N 336333.490	2 E 2198163.123	COORDINAT	≻۱	N 6901411.000	2 E 2474539.861	CONVERSION FACTOR	POSITION NAD LATITUDE 32'35'22.67609"	LONGITUDE 96'51'24.75004"	SKETCH:	_	_	BUILDING	//////////////////////////////////////	MAH					<u> </u>		
TIC CONTROL [		ORDER:	TX COMBINED	l I	STATE: TX	PP ZONE: NC CODE: 4202	NAC	PP GRID DA	STATE: TX	CODE: 4202	METRIC	GEODETIC		FIELD					•						- H	 
GEODETIC C	DATE:MAR&APR 2000		STATE:	BY: T.W.S.		REFERENCE MARKS PK NAIL IN	PK NAIL IN PP	PK NAIL IN		DISTANCE				Y OF DESOIO, THE SOUTHEAST	ROAD AND HAMPTON	O I I I I I I I I I I I I I I I I I I I										
GE		A CAP SET IN CONCRETE	COUNTY: DALLAS	AND PERKINS PREPARED		DISTANCES & DIRECTIONS TO PROMINENT & 73.60'	SOUTH	WEST		AZIMUTH				CONCRETE STAMPED, CLI DNUMENT IS LOCATED IN	RSECTION OF BELT LINE	KOAD. THE MONOMENT IS LOCATED S.O. FEET SOUTH OF THE SOUTH CURBLINE OF BELT LINE ROAD.										MAPSCO 83 H
	STATION NAME: DESOTO #21	MONUMENT TYPE: ALUMINUM CAP	CITY: DESOTO	SURVEYOR: TEAGUE NALL AN	PROJECI NAME: DES98312	DISTANCES & DIRE(73.60)	55.75'	79.55		AZIMUTH MARK		DESCRIPTION OF POINTS:	H	ALUMINUM CAP SEL IN ( MON. 21, 1992". THE MC	QUADRANT OF THE INTE	CURBLINE OF BELT LINE										≥

	CONTROL DATA	THOD: GPS ⊠OTHER □	999868006	PLANE AZIMUTH ANGLE (CONVERGENCE)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.21.03.12268	PLANE AZIMUTH ANGLE		0.53′45.99463″	3.2808333333	NAD 83 S ELEV.(FEET) NORTH TRIG. LEVEL WEST 650.82'		DANIELDALE ROAD	ð
DATA SHEET	ADJUSTED HORIZONTAL (	SURVEY ME	CALE FACTOR: 0.98	COORDINATES (U.S. SURVEY FEET)	N 352176.797	E 2198042.696	COORDINATES	7252.458	E 2474268.602	CONVERSION FACTOR:	POSITION NAD 27 LATITUDE 32'37'59.45847" LONGITUDE 96'51'25.02443"	SKETCH:	112.90	Q MOT¶MAH
	ADJI	ORDER: 2ND	COMBINED	NAD 27 GRID DATA	STATE: TX	CODE: 4202	NAD 83		ZONE: NC CODE: 4202	METRIC CO	GEODETIC LA	FIELD SKE		→ K.Y.
DETIC CONTROL	DATE: MAR&APR 2000		STATE: TX	l I	DEFERDENCE	"X" CUT	NAIL IN	TK NAIL IN TH	DISTANCE		OF DESOTO	THE NORTHEAST ROAD AND	TOAD AND 4.0' AD.	
GEODE		CAP SET IN CONCRETE	COUNTY: DALLAS	AND PERKINS   PREPARED B	4	8	SOUTH	SOUTHWEST	AZIMUTH		ONOBETE STAMBED "CITY	NUMENT IS LOCATED AT	ACADRANI OF THE INTERSECTION OF DANIELDALE ROAD ALL MONTH EDGE OF ASPHALT OF DANIELDALE ROAD FEET EAST OF THE EAST CURB OF HAMPTON ROAD.	MAPSCO 73 M
	STATION NAME: DESOTO #22	MONUMENT TYPE: ALUMINUM C	CITY: DESOTO	EAGUE NALL	PROJECT NAME: DESGOSTS  PROTANCES & DIDECTIONS TO DEDMINENT	UISTANCES & DIRECT	62.09'	112.90	AZIMUTH MARK		DESCRIPTION OF POINTS:	MON. 22, 1992". THE MONUMENT IS LOCATED AT THE NORTHEAST CITABLE BY THE INTERESCRIPT OF DANIELD AS FOAD AND	HAMPTON ROAD. THE INIET HAMPTON ROAD. THE MO OF THE NORTH EDGE OF FEET EAST OF THE EAST	M

	CONTROL DATA	THOD: GPS ⊠OTHER □	0.999870816	PLANE AZIMUTH ANGLE	(CONVERGENCE)	0.21,35,99012"	1	PLANE AZIMUTH ANGLE	(CONVERGENCE)	0.54,18.86358"		3.2808333333	□ NAD 83 🛭 ELEV.(FEET)	NORTH TRIG. LEVEL	WEST 630.34'				Q.	ſ	WINTERGREEN ROAD			Ø		
DATA SHEET	ADJUSTED HORIZONTAL C	SURVEY ME	CALE FACTOR:	COORDINATES	(U.S. SURVEY FEET)	N 346996.311	E 2203228.606	I I —	(U.S. SURVEY FEET)	N 6912121.510	E 2479503.720	CONVERSION FACTOR:	POSITION NAD 27	LATITUDE 32.37'07.87701"	LONGITUDE 96'50'24.75773"	SKETCH:		_		109.88'	(*) (*) (*) (*) (*) (*) (*) (*) (*) (*)	144.89′	\( \)	<del></del> Ø	OOFK SLI	 d
		ORDER: 2N	COMBINED (	NAD 27	GRID DAIA	STATE: TX ZONE: NC	CODE: 4202	NAD 83	GRID DATA	STATE: TX	CODE: 4202	METRIC CC	U H U U		DAIA	FIELD SKE							l we	TO CL DOUBLE RED LIGHT DESOTO WATER TOWER	N.T.S.	
GEODETIC CONTROL	DATE:MAR&APR 2000		STATE: TX	BY: T.W.S.		REFERENCE MARKS	PK NAIL IN PP	PK NAIL IN PP	PK NAIL IN PP		DISTANCE					Y OF DESOTO, THE NORTHWEST	N ROAD AND EET NORTH OF THE FET WEST OF	- - - - - - - - - - - - - - - - - - -								
GE(		CAP SET IN CONCRETE	COUNTY: DALLAS	AND PERKINS PREPARED E		& DIRECTIONS TO PROMINENT & R		SOUTHEAST	SOUTH		AZIMUTH				=	ONCRETE STAMPED, CII NUMENT IS LOCATED IN T	SECTION OF WINTERGREEI MENT IS LOCATED 5.7' FI PREEN ROAD AND 86.0' F	STREET.							MAPSCO 74 T	
	STATION NAME: DESOTO #23	MONUMENT TYPE: ALUMINUM C	CITY: DESOTO	SURVEYOR: TEAGUE NALL AND	PROJECT NAME: DES98312	DISTANCES & DIRECT	109.88	144.89	94.33'		AZIMUTH MARK		DESCRIPTION OF POINTS:		:	ALUMINUM CAP SET IN C MON. 23, 1992". THE MOI	QUADRANT OF THE INTERSECTION OF WINTERGREEN ROAD AND POLK STREET. THE MONUMENT IS LOCATED 5.7' FEET NORTH OF NORTH CLIRB OF WINTERGREEN ROAD AND 86.0' FEFT WEST OF	THE CENTERLINE OF POLY							M	